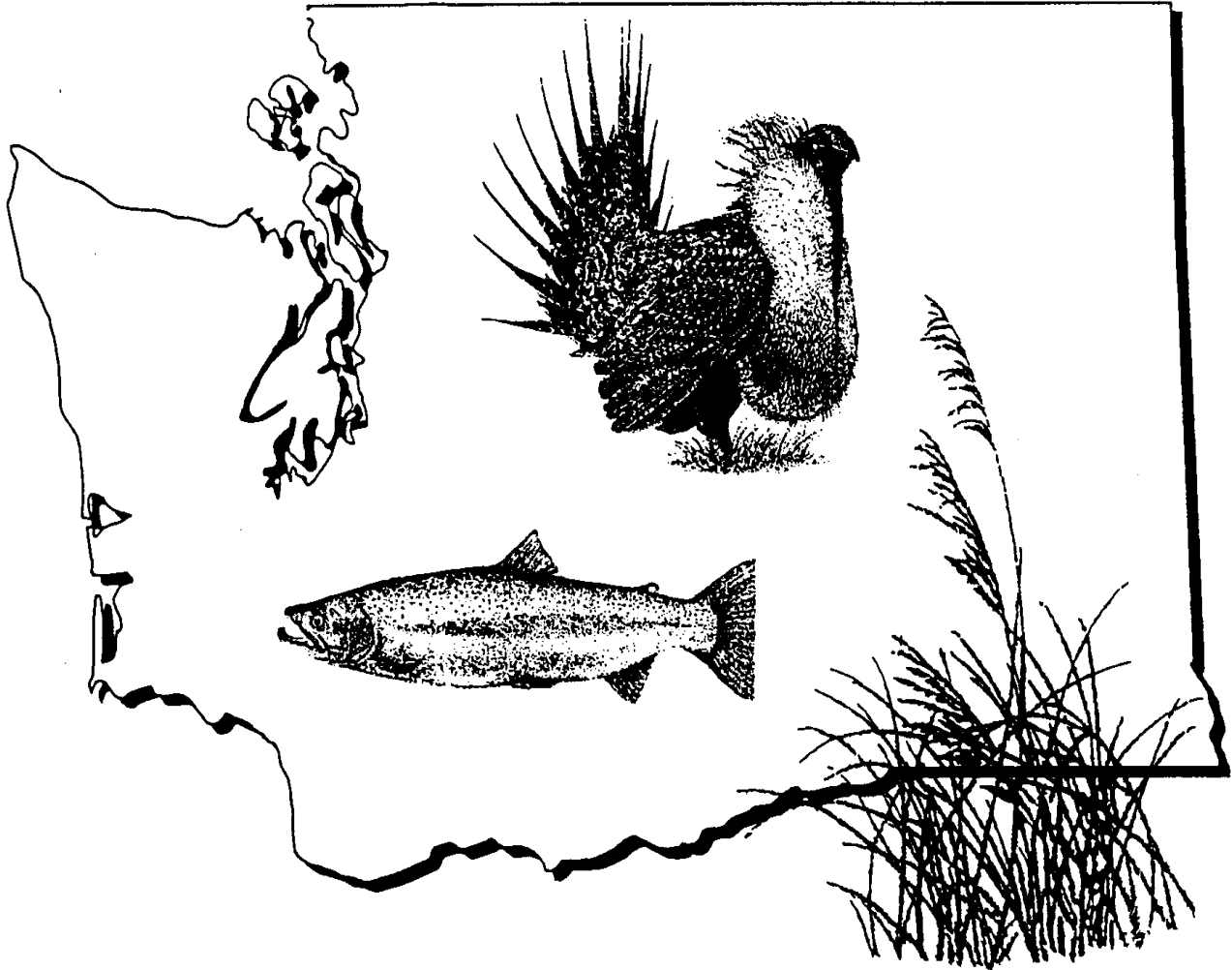


600 Capitol Way North, Olympia Washington 98501-1091

WASHINGTON

DEPARTMENT OF FISH AND WILDLIFE

March 2005



FISH AND WILDLIFE MAP PRODUCTS

Visit Our Web Site At: wdfw.wa.gov

**WASHINGTON DEPARTMENT OF
FISH AND WILDLIFE**

**DESCRIPTION OF FISH AND WILDLIFE
MAP PRODUCTS**

MARCH 2005

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WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

DESCRIPTION OF FISH AND WILDLIFE MAP PRODUCTS

INTRODUCTION

This document describes the standard map products available from the Washington Department of Fish and Wildlife (WDFW) that identify the locations of important fish, wildlife and habitats. These maps are generated with data developed and maintained by WDFW with geographic information system (GIS) software. Another, more detailed document, describes digital data that are also available. This document covers background information on these data and how to use the map and associated reports that WDFW produces.

Databases covered in this document contain WDFW's knowledge of fish and wildlife resources and occurrences based on research and field surveys conducted over the past 30 + years. It is important to note, however, that habitats and species may occur on the ground in areas not currently known to WDFW biologists, or in areas for which comprehensive surveys have not been conducted. Site-specific surveys are frequently necessary to rule out the presence of priority species or habitat types. Information from all these databases are combined on one map product to the extent possible. These databases are:

Priority Habitats and Species Database - An inventory of priority species use areas and habitats based on WDFW biologist knowledge.

Wildlife Heritage Database – Contains significant species site observations from field surveys to reports from reputable sources.

Spotted Owl Database - Locations of spotted owl sites.

Marbled Murrelet Database - Locations of marbled murrelet detection sites.

Washington Lakes and Rivers Information System Database – An inventory of priority anadromous/resident fish distribution, facilities, and lakes/reservoirs.

Marine Resources Database – A collection of marine and shellfish resources.

Seabird Colony Database – Contains locations surveyed for breeding seabirds.

Seal and Sea Lion Haulout Database – Seal and sea lion haulout sites.

Old Growth Database – Contains information about 1988 late successional forest stands.

National Wetlands Inventory Database - An inventory identifying wetland and deep water habitats based on data derived from high altitude color infrared aerial photographs.

Additionally information on kelp beds, oak stands, eelgrass, turf algae and township /section data are displayed on WDFW maps. These data are managed by the Washington Department of Natural Resources and are used with their permission. For information on these data in a digital format visit their web site at: dnr.wa.gov/dataandmaps.

Map products are supported by documents titled *Management Recommendations for Priority Habitats and Species*. These management recommendations are developed with a thorough review of the best scientific literature available. They provide important background information on each species or habitat type and recommendations for conducting land uses that consider the needs of fish and wildlife. When a priority habitat or species occurs in or near a project site, these management recommendations should be consulted to determine how to modify the project in consideration of fish and wildlife needs.

These databases do not represent exhaustive inventories. They are compilations of existing knowledge from field biologists that are updated as knowledge improves. Because these fish and wildlife data are not exhaustive and subject to change, project review for fish and wildlife should not rest solely on mapped priority habitats and species. Instead, they should also consider new information gathered from field investigations.

Please note maps may contain some species and habitats that are not considered priority by the agency. Also, because the databases are subject to change, these maps should not be used if they are over six months old; please request updated maps rather than use old information.

Information on specific locations of fish and wildlife is considered sensitive by the Director of WDFW and will be released in a standard format only. This format may be either tabular, digital, and/or displayed on a 1:24,000 scale map. WDFW standard map format consists of fish, wildlife, and habitat information displayed for an individual section with a one square mile buffer (nine square miles total). WDFW will release sensitive fish and wildlife information under its Releasing Sensitive Fish and Wildlife Information Policy – 5210 to the following parties in conjunction with the signing of a Release Agreement.

- A. Government agencies;
- B. Tribes;
- C. Researchers affiliated with an accredited college or university;
- D. Private landowners (for their lands), or other parties with permission from the landowner; or
- E. Agents of the above parties (e.g., consultants, realtors, etc.).

Sensitive fish and wildlife information for less than thirty-six square miles (one Township) may be provided to these parties along with a request for a signed Sensitive Fish and Wildlife Information Release Agreement. WDFW will grant subsequent sensitive information only to those parties whom the signed agreement has been obtained.

The Release Agreement indicates that the signatory (person or organization) recognizes the appropriate guidelines for disseminating Sensitive Fish and Wildlife Information and has agreed to the provisions of the policy. For additional information or questions contact WDFW at (360) 902-2543.

For more information on WDFW you may visit our web site at wdfw.wa.gov or visit the Priority Habitats and Species site at wdfw.wa.gov/hab/phspage.htm.

For information on the state's endangered, threatened, and sensitive plants as well as high quality wetland and terrestrial ecosystems, please contact the Washington Department of Natural Resources, Natural Heritage Program at PO Box 47016, Olympia Washington 98504-7016, by phone (360) 902-1667 or visit their web site at dnr.wa.gov/nhp.

PRIORITY HABITATS AND SPECIES DATABASE

Database Manager: Terry Johnson
(360) 902-2494

General Description

The Washington Department of Fish and Wildlife (WDFW) Priority Habitats and Species (PHS) Database consists of polygons or points that describe occurrences of priority habitats and species. Priority species are those fish and wildlife species requiring special efforts to ensure their perpetuation because of their low numbers, sensitivity to habitat alteration, tendency to form vulnerable aggregations, or because they are of commercial, recreational, or tribal importance. All priority species mapped areas represent known use areas; they are not potential habitats. Priority habitats are areas that support diverse, unique and/or abundant communities of fish and wildlife. Mapped data are accompanied with reports detailing each priority habitat and species.

PHS polygon or point information is collected by WDFW biologists using the best information available from research efforts, surveys, or field observations. The exact source of each delineated feature is described in the accompanying report. This information represents known occurrences of priority habitats and species not potential or theoretical.

Resolution and Limitations

PHS polygon and point data are compiled on 1:24,000 scale US Geological Survey 7.5-minute topographic maps. A code is used, on supporting data forms, that contain information about the location and indicates the accuracy of the feature as determined by the field biologist doing the mapping. Accuracy ranges from within one-quarter mile to a general area.

WDFW updates this information as additional data become available. Because fish and wildlife species are mobile and because priority habitats and species information changes, project reviews for fish and wildlife should not rest solely on mapped information. Instead, they should also consider new information gathered from current field investigations. Remember, priority habitats and species information can only show that a species or habitat type is present, they cannot show that a species or habitat type is not present. These products should not be used for future projects. Please obtain updates rather than use outdated information.

Map products may contain species and/or habitat locations that are deemed sensitive by WDFW under its Releasing Sensitive Fish and Wildlife Policy – 5210. Please refer to this policy for conditions regarding the use of this information. This policy is available by contacting the Priority Habitats and Species Section at (360) 902-2543.

Priority habitat information on old growth are not routinely provided. A separate request must be made to obtain these maps. Wetland information displayed on the standard maps largely consists of the US Fish and Wildlife Service National Wetlands Inventory.

Description and Use of Maps

Detailed 1:24,000 Scale Habitats and Species Map

The PHS Database and recent (observations since 1978) information from the Wildlife Heritage Database are shown on the 1:24,000 scale maps. Also shown are spotted owl management circles, marbled murrelet detections, seabird colonies, seal and sea lion haulout sites, presence of fish species, priority species and habitats including National Wetlands Inventory areas. A report is provided to further describe each PHS polygon displayed on the map.

The major components of the 1:24,000 scale maps are identified by the diagrams, in Appendix H, with large letters from A through D. Each of these components is explained below.

Map Components

- A -** This is the body of the map containing spatial information from the PHS polygon and point database, wildlife heritage sites, spotted owl management circles, marbled murrelet detections, seabird colonies, seal and sea lion haulout sites, NWI areas, streams from the Washington Lakes and Rivers Information Database with priority fish presence and Washington Department of Natural Resources Public Land Survey. **PHS polygons** are labeled, on the map, with a unique number and "+" symbol, roughly in the center of the polygon. This PHS poly number refers to a list of form numbers and species and habitat codes in the *PHS Cross Reference report*. The data form numbers refer to the report that accompanies the map. The report details each species or habitat depicted as a polygon on the map. PHS polygon and point data are combined on a single map with information from the other databases with priority information. See map descriptions under the other sections, of this document, for further details. Other databases are shown with various symbols explained in the legend, see map component "D".
- B -** This block contains general descriptive information about the map (disclaimer, data sources etc.).
- C -** This block provides some limited descriptive information about PHS polygon and wildlife heritage site map features displayed in map component "A." It includes some general *Information About The Priority Habitat and Species Polygons and Wildlife Heritage Points* and how to read the map. Also included are sections pertaining to *PHS POLYGON AND WILDLIFE HERITAGE SUMMARY HABITAT & SPECIES LIST* that provides a list of the PHS (priority) status, State Status, PHS or Species Code, Species Use and Common Name of the species or habitat. More detailed information can be found in the *PHS Polygon and Wildlife Heritage Reports*. A complete list of PHS and Species Code and Species Use, used in the summary lists section, and their meanings are provided in the appendices at the end of this document.
- D -** This block contains general descriptive information about the map and provides a map legend (title, scale, projection information, production date, map designer, etc.).

Description and Use of the PHS Polygon Report

The following narrative describes the information provided in the *PHS Polygon Report* accompanying the maps. The report presents descriptive information about fish, wildlife and habitat resources identified on the maps.

All pages of the report identify the date the report was created as part of the title block. The PHS Database is subject to change. It is important to know when your report was generated in order to determine if the information has changed since that time. This report is different than that produced for other priority databases because the descriptive items/fields are different.

The PHS polygons are labeled with a unique number and “+” symbol, roughly in the center of the polygon on the map. This PHS Poly number refers to a list of form numbers and species and habitat codes contained in the *PHS Polygon Cross Reference Report*. These form numbers refer to the *PHS Polygon Report*. This report details each species or habitat depicted as a polygon on the map.

The title block of the report may identify the data as DRAFT. If it does, the information has not been completely scanned for errors. In most cases, errors consist of misspellings and other minor inconsistencies. If you encounter significant errors, please contact the PHS Database manager, or the Department's regional habitat biologist. See Appendix J, at the end of this document, for those contacts.

The body of the report contains information describing PHS polygon features shown on the maps. The following explains the items listed in the report.

Form#: This is a unique number that "links" the information on the page to features on the maps. One form can describe multiple polygons on the map. For example, multiple bald eagle territories may be described with one data form. One polygon on the map may also be described by multiple data forms. For example, a location on the ground may be used as a bald eagle territory and described with one form. The same location may also be used for seabird breeding and be described by a second form.

PHS Code: This contains a code that identifies the fish and wildlife species found in the area or the habitat that occurs there. See Appendices A, B, C, and D, at the end of this document, for explanations of the codes.

Species Use: How the area is used by the species is coded in this field. Explanations of the codes can be found in Appendix E at the end of this document. This field is not used if a habitat is described.

Common Name: Common name of the species or habitat.

Season: Use of areas by fish and wildlife may be seasonal. This identifies those seasons. The field is five characters long corresponding to the seasons WINTER, SPRING, SUMMER, FALL, and SEVERE WINTER. Season(s) of use is indicated by the presence

of a non-blank character in one or more "positions". The letters "W" for winter, "S" for spring, "U" for summer, "F" for fall, and "S" for severe winter (in the fifth column), indicate the season(s) of use. For example, "WSUFS" indicates use all year round and in severe winters. "W FS" indicates use during winter, fall, and severe winter. An " SU " indicates use during spring and summer. This field is not used if a habitat is described.

Definition: This identifies the definitions or criteria used to classify the area as a priority. In most cases, the definitions are consistent statewide, (described as "Priority Area" in the *Priority Habitats and Species List* published by WDFW) but there may be some exceptions particularly between eastern and western Washington. This field identifies the WDFW region numbers 1 through 6, because definitions within a region are as consistent as possible. Special qualifiers may be used to further clarify the definition. The codes for these qualifiers are described in Appendix F at the end of this document.

Accuracy: Mapping accuracy of the line delineation as determined by the mapper.

| | |
|-------------------------------------|--|
| 1 = Accurate within a quarter mile. | 3 = Location known to within one mile. |
| 2 = Accurate within a half mile. | 4 = Location known to general locality only. |

Scientific Name: Scientific name of the species.

State Status: State listing status of species.

| | |
|------------------------|-----------------------|
| SE = State endangered. | SC = State candidate. |
| ST = State threatened. | SM = State monitor. |
| SS = State sensitive. | |

Federal Status: Federal listing status of species.

| | |
|--------------------------|-------------------------|
| FE = Federal endangered. | FC = Federal candidate. |
| FT = Federal threatened. | FCo = Federal concern. |

Priority: Species and habitats that are considered to be priorities for conservation and management by Washington Department of Fish and Wildlife (WDFW). For a copy of the most current *Priority Habitats and Species (PHS) List* contact WDFW PHS Section at (360) 902-2543, or it is available on our web site at wdfw.wa.gov/hab/phspage.htm

YES = Indicates that the species or habitat is considered a WDFW priority and is on the *Priority Habitat and Species List* and/or *Species of Concern List*.

NO = Indicates that the species or habitat is not a WDFW priority.

Site Name: Name assigned to the area based on a local place name.

General Description: Description about the area mapped, including how it is used and why it is important.

Source: This portion of the report identifies and describes the source responsible for the information described on the form and drawn on the map. Single or multiple sources may be cited. Appendix G, at the end of this document, provides relevant code definitions.

Source Date: Date of source of information.

Source Code: Code identifying the source of information.

Synopsis: Brief narrative describing content of source of information.

Single Species or Habitat Distribution Map

Contains information for a single species or habitat type. Maps include a specified single species or a single habitat type; transportation and utilities; and major public lands. This format is used when information about a specific species or habitat type is required. A report that describes fish and wildlife resources is not available with the single species or habitat maps. If more detailed information is needed please request either digital data or the 1:24,000 scale habitats and species maps.

Habitats and Species Summary Map by County

Contains summary information by county. Maps include a summary of priority habitat and species sites and areas (species and habitat sites are not specifically identified); utilities and transportation; and National Wetlands Inventory areas. This format is used when highly accurate locations of species and habitats are not required or information for a large area is requested. A report that describes fish and wildlife resources is not available with the county maps. If more detailed information is needed please request either digital data or the 1:24,000 scale habitats and species maps.

WILDLIFE HERITAGE DATABASE

Database Manager: Gretchen Blatz
(360) 902-2484

General Description

The Washington Department of Fish and Wildlife (WDFW) Heritage Database contains information on documented point occurrences of non-game species of concern, state and federal species including those designated as endangered, threatened, sensitive, candidate, and monitor. This database was developed in the early 1980s and formed the beginning of the Priority Habitats and Species (PHS) Program.

Wildlife heritage data are collected by a variety of means from field surveys to reports from reputable sources. Scope of the database is statewide and encompasses over 230 species. The database is continually being updated. High priority species are surveyed either every year or every five years. Lower priority species are surveyed as field logistics allow or on a less rigorous schedule.

If your project area includes information on spotted owl and marbled murrelet detection sites they will be displayed on the map, but are not accompanied by reports. If more specific information is needed contact the appropriate database manager, listed in this document, for those databases.

Resolution and Limitations

Positional accurate data for current site observations are represented as point locations. These data are at least accurate to within a quarter section of the Public Land Survey older and less accurate data are reported by the section only.

Only the most current (1978 and later) and accurately known data will be supplied as points on standard map products. All other information will only be provided in response to special requests. Using the older information requires consultation with WDFW biologists. See Appendix I, at the end of this document, for those contacts.

Please note maps may contain some species and habitats that are not considered priority by the agency. Also, this database contains information on species locations with direct regulatory implications. Wildlife heritage data is updated constantly; therefore information should not be used for future projects. Please obtain updated maps rather than use outdated information.

Map products may contain species locations that are deemed sensitive by WDFW under its Releasing Sensitive Fish and Wildlife Policy – 5210. Please refer to this policy for conditions regarding the use of this information. This policy is available by contacting the Priority Habitats and Species Section at (360) 902-2543.

Description and Use of Maps

Detailed 1:24,000 Scale Habitats and Species Map

Wildlife Heritage data are available as maps at a scale of 1:24,000. They are combined on a single map with information from the Priority Habitats and Species polygon/point database and other databases with priority information. See map descriptions under the other sections of this document for further details. A report that describes each species point on the map is included. This report is different than that produced for other priority databases because the descriptive items/fields are different.

Description and Use of the Wildlife Heritage Report

Locations on the map that are listed in the map legend as Wildlife Heritage Points are detailed in an independent report. Points on the map can be referenced to the report by noting the Quadpt number where the point occurs on the map, and then looking up the information. The report is sorted by the Quadpt number and details each species depicted on the map. Following is the descriptive information included in the report.

Quadpt#: A sequential number for a point based on a US Geological Survey 7.5-minute topographic map.

Species Code: Alphanumeric code which identifies the species. Explanations of the codes can be found in Appendix A and B at the end of this document.

Species Use: Criteria that identifies how the area is used by the indicated species. Explanation of the codes can be found in Appendix E at the end of this document.

Common Name: Common name of the species.

Year: Year of the observation.

Class: A code that separates animals into general groups.

AA = Artificial animal (e.g., nest platform not used yet).

EA = Exotic animal.

GA = Game animal.

NA = No animal found after target specific survey completed.

SA = Special animal (e.g., state listed and monitor species).

ST = Split territory.

ZA = Zapped animal. Site no longer supports original occurrence.

Accuracy: Mapping accuracy of the site as determined by the individual doing the mapping.

C = Accurate to within quarter mile radius and confirmed by a reliable source.

G = Location known only to a general locality.

N = Accurate to within one mile radius.

U = Accurate to within quarter mile radius and unconfirmed by a reliable source.

Scientific Name: Scientific name of the species.

State Status: State listing status of species.

SE = State endangered.

SC = State candidate.

ST = State threatened.

SM = State monitor.

SS = State sensitive.

Federal Status: Federal listing status of species.

FE = Federal endangered.

FC = Federal candidate.

FT = Federal threatened.

FCo = Federal concern.

Priority: Species and habitats that are considered to be priorities for conservation and management by Washington Department of Fish and Wildlife (WDFW). For a copy of the most current *Priority Habitats and Species (PHS) List* contact WDFW PHS Section at (360) 902-2543, or it is available on our web site at wdfw.wa.gov/hab/phspage.htm

YES = Indicates that the species is considered a WDFW priority and is on the *Priority Habitat and Species List* and/or *Species of Concern List*.

NO = Indicates that the species is not a WDFW priority.

WDFW Region: This contains the WDFW administrative region 1 through 6.

Verified: Verification code for an observation.

V = Verified by a reliable source, generally WDFW or other agency biologist.

U = Not verified by a reliable source, or identification of species is uncertain.

1 = Confirmed grizzly bear or wolf observation.

2 = Probable grizzly bear or wolf observation.

Township-Range-Section: The legal description of the species occurrence based on township, range, meridian, section, quarter and sixteenth section of the site location.

Occurrence#: An ascension catalog number that combined with sequence number identifies a unique record within a species.

Sequence#: Occurrences with multiple locations of a species.

General Description: Description of location of a species.

Single Species or Habitat Distribution Map

Contains information for a single species or habitat type. Maps include a specified single species or a single habitat type; transportation and utilities; and major public lands. This format is used when information about a specific species or habitat type is required. A report that describes fish and wildlife resources is not available with the single species or habitat maps. If more detailed information is needed please request either digital data or the 1:24,000 scale habitats and species maps.

Habitats and Species Summary Map by County

Contains summary information by county. Maps include a summary of priority habitat and species sites and areas (species and habitat sites are not specifically identified); utilities and transportation; and National Wetlands Inventory areas. This format is used when

highly accurate locations of species and habitats are not required or information for a large area is requested. A report that describes fish and wildlife resources is not available with the county maps. If more detailed information is needed please request either digital data or the 1:24,000 scale habitats and species maps.

SPOTTED OWL DATABASE

Database Manager: Lori Salzer
(360) 902-2482

General Description

The US Fish and Wildlife Service and Washington Department of Natural Resources (DNR) are the primary regulatory agencies managing impacts to spotted owls. These agencies have adopted a management circle approach for assessing the remaining suitable habitat surrounding documented spotted owls. Spotted owl observations are evaluated by Washington Department of Fish and Wildlife (WDFW) biologists and organized to comprise the most accurate representation of owl territories based on type of observation, dispersal distances, habitat characteristics, and topography. The most recent related observation is designated the spotted owl site center. From this site center location a radius of 9,504 feet (1.8 miles) is used for owl sites east of the I-5 corridor or 14,256 feet (2.7 miles) is used west of I-5 to evaluate the amount of remaining habitat. The different radii reflect differences in home range sizes used by owls as determined by radio-telemetry studies.

Spotted owl survey results are sent in to WDFW where owl locations are compared to existing spotted owl site centers. If the new locations are sufficiently distant from established site centers, a new site is established. If the new observation is geographically related to a existing site center, has equivalent or greater biological significance, and is more current than the observation used to establish the existing site center, the site center is moved to the location of the new observation and the site center datum is encoded with the new biological status and observation date. If the new observation is geographically related to an existing site center, but does not have equivalent or greater biological significance relative to the observation used to establish and existing site center, the site center remains unchanged.

Resolution and Limitations

Spotted owl survey data are digitized from 1:24,000 scale US Geological Survey 7.5-minute topographic maps. The Spotted Owl Database site centers and its associated files are continually being updated from information received from WDFW, DNR, and timber industry survey efforts. Data from previously un-surveyed areas or of higher biological status receive data processing priority over geographically or biologically redundant data.

This database contains information on species locations with direct regulatory implications. Spotted owl data is updated constantly; therefore these maps should not be used for future projects. Please obtain updated maps rather than use outdated information.

Spotted owl locations are deemed sensitive by WDFW under its Releasing Sensitive Fish and Wildlife Policy – 5210. Please refer to this policy for conditions regarding the use of this information. This policy is available by contacting the Priority Habitats and Species Section at (360) 902-2543.

Description and Use of Maps

Detailed 1:24,000 Scale Habitats and Species Map

Spotted owl site centers and areas potentially impacted by spotted owl management concerns are combined on maps with information from the Priority Habitats and Species polygon/point database and other databases with priority information. Only spotted owl site centers with official status 1 through 4 are displayed on the maps; 1 is a pair or reproductive site, 2 are two or more spotted owls detected, but pair status unknown, 3 is a resident single site and 4 is a single spotted owl detected, but site status is unknown. Also two separate spotted owls management circles are displayed. Spotted owl management circles of established territories are buffered site centers for which evidence of territorial behavior has been documented. Spotted owl management circles with insufficient data to establish territories are buffered site centers for which no evidence of territorial behavior has been documented. See map descriptions under the Priority Habitats and Species Database section and other sections, of this document, for details about other information on the maps. A report detailing information on spotted owls is not included with the standard products. If specific details on spotted owls site centers are required they must be requested from the database manager.

Single Species or Habitat Distribution Map

Contains information for a single species or habitat type. Maps include a specified single species or a single habitat type; transportation and utilities; and major public lands. This format is used when information about a specific species or habitat type is required. A report that describes fish and wildlife resources is not available with the single species or habitat maps. If more detailed information is needed please request either digital data or the 1:24,000 scale habitats and species maps.

Habitats and Species Summary Map by County

Contains summary information by county. Maps include a summary of priority habitat and species sites and areas (species and habitat sites are not specifically identified); utilities and transportation; and National Wetlands Inventory areas. This format is used when highly accurate locations of species and habitats are not required or information for a large area is requested. A report that describes fish and wildlife resources is not available with the county maps. If more detailed information is needed please request either digital data or the 1:24,000 scale habitats and species maps.

MARBLED MURRELET DATABASE

Database Manager: Jane Jenkerson
(360) 902-2497

General Description

The Washington Department of Fish and Wildlife (WDFW) maintains information on marbled murrelet occupancy detection locations, detection areas and detection sections. Data are collected by a variety of means from field surveys to reports from reputable sources.

Resolution and Limitations

Positional accurate data for observations are represented as point locations. These data are at least accurate to within 1/16 section of the Public Land Survey.

Of 19,000 marbled murrelet detections 17,000 locations were digitized from 1:12,000 scale aerial photography. Only the detections indicative of stand occupancy will be provided as part of the standard request process. All other information will only be provided as a special request made at the time you place your order.

This database contains information on species locations with direct regulatory implications. Marbled murrelet data is updated constantly; therefore it is essential that users obtain updates before using maps for future projects.

All fish and wildlife species are vulnerable to harm from human activities. By receiving marbled murrelet information from WDFW, you incur an obligation to use it in a way that does not cause undue harm to our public fish and wildlife resources.

Description and Use of Maps

Detailed 1:24,000 Scale Habitats and Species Map

Map products are designed for users external to the forest practice permit process and as such does not reflect all the information pertinent to forest practice review. The Forest Practice Rules adopted August 22, 1997 by the Forest Practice Board and administered by the Washington Department of Natural Resources require forest practice applications to be screened against marbled murrelet detection areas and detection sections. Marbled murrelet detection locations are included on the standard map products, but the detection areas and detection sections are not. If your project is affected by Forest Practice Regulations, a special request for detection areas and sections must be made at the time you place your order.

Marbled murrelet detection locations are combined on maps with information from the Priority Habitats and Species polygon/point database and other databases with priority information. See map descriptions under the Priority Habitats and Species Database section and other sections, of this document, for further details. A report detailing information on marbled murrelets is not included with the standard map products. If specific details on marbled murrelets are required they must be requested from the database manager.

Single Species or Habitat Distribution Map

Contains information for a single species or habitat type. Maps include a specified single species or a single habitat type; transportation and utilities; and major public lands. This format is used when information about a specific species or habitat type is required. A report that describes fish and wildlife resources is not available with the single species or habitat maps. If more detailed information is needed please request either digital data or the 1:24,000 scale habitats and species maps.

Habitats and Species Summary Map by County

Contains summary information by county. Maps include a summary of priority habitat and species sites and areas (species and habitat sites are not specifically identified); utilities and transportation; and National Wetlands Inventory areas. This format is used when highly accurate locations of species and habitats are not required or information for a large area is requested. A report that describes fish and wildlife resources is not available with the county maps. If more detailed information is needed please request either digital data or the 1:24,000 scale habitats and species maps.

WASHINGTON LAKES AND RIVERS INFORMATION SYSTEM DATABASE

Database Manager: Martin Hudson
(360) 902-2487

General Description

The Washington Lakes and Rivers Information System (WLRIS) Database contains statewide priority fish distribution, streams/rivers, lakes and reservoirs at a scale of 1:24,000 and a facilities layer at a scale of 1:100,000. Fish distribution information is based on Limiting Factors Analysis (LFA) for defining the documented, presumed and potential presence categories. Known spawning and rearing information is also included where available.

The Washington Department of Fish and Wildlife (WDFW) Fish Programs Science Division directs database project management. Funding sources are WDFW Fish Program and Information Technology Services. Recent statewide updates and reviews of the database by biologists indicate that a significant number of additional 1:24,000 scale streams of documented, presumed and/or potential fish presence, thus, justifying the need for a fish resource Geographic Information System (GIS) database at 1:24,000 scale or greater.

Resolution and Limitations

WDFW has assimilated anadromous salmonid and dolly varden/bull trout distribution and use information compiled from numerous fish mapping initiatives in the state. The priority resident fish information was transferred from the 1:100,000 scale StreamNet Database and linked to the 1:24,000 scale hydrography layer. The goal is to provide a single database for priority fish distribution that is spatially enabled via links to a 1:24,000 scale routed hydrography layer. Mapping review parties were organized across the state to verify the results of the data assimilation work. Updates and corrections to the database were completed after the reviews.

One of the greatest challenges was to settle on a set of fish distribution and use categories and to align the formal definitions so that a common understanding and a standard vocabulary could be developed. Care was taken not to obliterate the original understandings that guided compilation of earlier data from other databases. It was recognized that shades of distinction exist between databases that are important for some species such as bull trout; and a means to provide these distinctions were made without making the broader database cumbersome.

The salmon/steelhead anadromous species and bull trout data are current as of June 2004 and will be updated based on a "need to know" set of criteria driven primarily by WDFW's Salmonid Stock Inventory (SaSI) data. Other factors will include data availability from outside sources that include the Tribal Nations and federal and local agencies. The intent of the database is to provide the most recent data collected under the LFA guidelines. The resident fish information was compiled largely by interviews with WDFW biologists and has not been reviewed since 1989 and, therefore, these data are less comprehensive and are not current.

All fish and wildlife species are vulnerable to harm from human activities. By receiving WLRIS data from WDFW, you incur an obligation to use it in a way that does not cause undue harm to our public fish and wildlife resources.

Description and Use of Maps

Detailed 1:24,000 Scale Habitats and Species Map

Presence of priority fish species are combined on maps with information from the Priority Habitats and Species polygon/point database and other databases with priority information. Streams with priority anadromous and resident fish species from the WLRIS database are highlighted on the various maps available. Due to the complexity of displaying linear features individual species that utilize each river reach are not distinguishable. If more species specific information is needed users should request individual species maps, digital data, or contact the database manager. A report that describes each highlighted fish reach is included with the standard 1:24,000 scale maps. See map descriptions under the Priority Habitats and Species Database section, of this document, for further information about the type of maps available. A report that describes each highlighted fish reach on the 1:24,000 scale maps is included.

Description and Use of the WLRIS Priority Fish Report

Presence of priority anadromous and resident fish are in an independent report. Fish presence on the map can be referenced to the report by noting the Stream Name or the Stream LLID number and then looking up the information. The report is sorted by the fish species code and stream LLID. Following is the description of information included in the report.

Code: WDFW alphanumeric code that identifies the fish species.

Common Name: Common name of the fish species.

Stream Name: Stream name based on the US Geological Survey, Geographic Names Information System database.

Stream LLID: Unique stream identifier (ID) generated from the node latitude and longitude located at a stream's mouth. This ID is to be construed only as an ID, and not necessarily as a reference to a stream's location.

Record Date: Date the information was entered into the database.

Single Species or Habitat Distribution Map

Contains information for a single species or habitat type. Maps include a specified single species **or** a single habitat type; transportation and utilities; and major public lands. This format is used when information about a specific species or habitat type is required. A report that describes fish and wildlife resources is not available with the single species or habitat maps. If more detailed information is needed please request either digital data or the 1:24,000 scale habitats and species maps.

Habitats and Species Summary Map by County

Contains summary information by county. Maps include a summary of priority habitat and species sites and areas (species and habitat sites are not specifically identified); utilities and transportation; and National Wetlands Inventory areas. This format is used when

highly accurate locations of species and habitats are not required or information for a large area is requested. A report that describes fish and wildlife resources is not available with the county maps. If more detailed information is needed please request either digital data or the 1:24,000 scale habitats and species maps.

MARINE RESOURCE DATABASE

Database Manager: Dale Gombert
(425) 379-2317

General Description

The Marine Resources Database is a collection of information concerning marine fish and shellfish resources in the coastal and inland marine waters of Washington. These data were collected by Fish Program, Marine Resources Division, of the Washington Department of Fisheries (now the Washington Department of Fish and Wildlife).

"In 1983, the Washington Department of Fisheries (WDF) summarized available information concerning salmon, marine fish and shellfish resources in Washington's coastal and inland marine waters. This information was intended to be published as WDF *Technical Report No. 79* but for a variety of reasons the project was not completed at that time. This information primarily consisted of maps depicting locations of salmon, baitfish, ground fish, and shellfish resources and associated fisheries in Puget Sound, the Strait of Juan de Fuca, and the outer Washington coast.

In 1988, the US Department of Interior's Minerals Management Service (MMS) entered into a cooperative agreement with the Pacific States Marine Fisheries Commission (PSMFC), liaison for Oregon and Washington fish agencies, to develop fishery resource databases required for a proposed oil and gas leasing program off the coasts of the two states. As part of this contract, WDF developed quantitative and qualitative data reports describing major fisheries resources of Washington potentially affected by offshore mining explorations and/or developments. The qualitative data report included maps depicting locations and timings of major commercial and recreational ocean fisheries, and locations of razor clam beaches and coastal surf smelt spawning beaches (WDF 1992).

In 1991, WDF was requested to provide updated fishery resource information for the *Puget Sound Environmental Atlas*, originally published in February 1987 (Evans-Hamilton, Inc. and D.R. Systems Inc.). Since the information was readily available, it was decided to revise and update the original *Technical Report 79* with the new resource maps produced for the MMS report and the *Puget Sound Atlas*.¹

Resolutions and Limitations

Marine resources data, for the most part, have not been updated since the publication of the *1992 Technical Report No. 79*. The exception to this is the baitfish layers, which consist of herring spawning/holding areas, surf smelt, sandlance and rocksole spawning. They continue to be updated as surveys are conducted.

Generally information in this database is highly variable regarding source some of it is based on field surveys while others are based on "best professional judgment" of the biologist involved. The information has been generalized for the release to the general public. If more specific information is needed users need to contact the biologist directly. See Appendix I, at the end of this document, for those contacts.

¹ April 1992, Technical Report No. 79 Revised, WDF

Only those species considered priority by the Washington Department of Fish and Wildlife (WDFW) will be provided from the Marine Resource Database. All other information will only be provided in response to special requests.

This database contains species locations that are deemed sensitive by WDFW under its Releasing Sensitive Fish and Wildlife Policy – 5210. Please refer to this policy for conditions regarding the use of this information. This policy is available by contacting the Priority Habitats and Species Section at (360) 902-2543.

Descriptions and Use of Maps

Detailed 1:24,000 Scale Marine Resources Map

If you are requesting the detailed 1:24,000 scale standard habitat and species maps you will automatically receive a set of marine maps. You may receive a set of up to three maps that include the generalized marine fish and shellfish areas. For all other map products the marine resources maps need to be requested separately. A report detailing information on the marine fish and shellfish areas is not included with the maps. Contact the database manager for any questions you may have regarding this data.

1:100,000 Scale Marine Resources Map

Contains marine resources data at a scale of 1:100,000. Maps include the same information as described in the 1:24,000 scale versions. A report detailing information on the marine fish and shellfish areas is not included with the maps. If more detailed information is needed please request either digital data or the 1:24,000 scale marine resource maps. Contact the database manager for any questions you may have regarding this data.

SEABIRD COLONY DATABASE

Database Manager: US National Oceanic Atmospheric Administration

General Description

The Seabird Colony Database contains locations surveyed for breeding seabirds as documented in the *Catalog of Washington Seabird Colonies* by Steven M. Speich, et al, published in 1989 by US National Oceanic Atmospheric Administration.

Resolution and Limitations

The Washington Department of Fish and Wildlife (WDFW) digitized the surveyed breeding locations from the 1989 publication. Population numbers by species reflect counts of breeding individuals based upon the most recent or best estimates as indicated in the publication. If no observations were classed as “most recent or best” populations numbers were not provided.

Please note that this database is static and the information is dated, currently there are no plans to update the data. For more recent information, contact the WDFW biologist for your project area. See Appendix I, at the end of this document, for those contacts.

Please note maps may contain some species and habitats that are not considered priority by the agency.

All fish and wildlife species are vulnerable to harm from human activities. By receiving seabird colony information from WDFW, you incur an obligation to use it in a way that does not cause undue harm to our public fish and wildlife resources.

Description and Use of Maps

Detailed 1:24,000 Scale Habitats and Species Map

Seabird colonies are combined on maps with information from the Priority Habitats and Species polygon/point database and other databases with priority information. A report that describes each seabird colony survey point location on the 1:24,000 scale maps is included.

Description and Use of the Seabird Colony Report

Points that are listed in the map legend as seabird colonies are detailed in an independent report. A list of fields, in the report, identifying the number of breeding individuals by species is associated with each Colony ID number next to the seabird colony symbol on the map. Seabird colony points on the map can be referenced to the report by noting the Colony ID number and then looking up the information. The report is sorted by the Colony ID. Following is the descriptive information included in the report.

Colony ID: Colony number composed of area and site.

NOAA Flag: If equal to 1, indicates location is included in the US National Oceanic Atmospheric Administration seabird colony database.

Class of Breeding Species:

- A = Alcids (may include others).
- AC = Alcids and cormorants (may include others).
- C = Cormorants (may include others).
- O = Others (but not alcids or cormorants).
- = No breeding observed or no information.

Colony Name: Name of colony, only available where NOAA Flag = 1.

Species: Species common name.

Population: Number of breeding individuals by species.

Priority: Species and habitats that are considered to be priorities for conservation and management by Washington Department of Fish and Wildlife (WDFW). For a copy of the most current *Priority Habitats and Species (PHS) List* contact WDFW PHS Section at (360) 902-2543, or it is available on our web site at wdfw.wa.gov/hab/phspage.htm

YES = Indicates that the species is considered a WDFW priority and is on the *Priority Habitat and Species List* and/or *Species of Concern List*.

NO = Indicates that the species is not a WDFW priority.

SEAL AND SEA LION HAULOUT DATABASE

Database Manager: Raj Deol (until database manager appointed)
(360) 902-2489

General Descriptions

The Seal and Sea Lion Haulout Database contains locations of haulout sites in Washington waters. The information was published in February 2000, by the Washington Department of Fish and Wildlife (WDFW), as the *Atlas of Seal and Sea Lion Haulout sites in Washington*. "The purpose of the atlas is to provide information on haulout sites for harbor seals, Steller sea lions, California sea lions, and northern elephant seals located in Washington waters. Locations are provided in order to conduct assessment surveys as well as identify important sites used by those species relative to potential sources of disturbance, development, and other uses of Washington's marine environment. Locations of haulout sites were mapped for sites that have been identified during aerial, ground and boat surveys conducted by personnel from the Washington Department of Fish and Wildlife, National Marine Fisheries Service and Cascadia Research Collective as part of ongoing assessment efforts for these pinniped species in Northwest water"². For a copy of the atlas, contact Washington Department of Fish and Wildlife (WDFW), Wildlife Program at (360) 902-2515.

Resolution and Limitations

The Seal and Sea Lion Haulout Database only includes information that WDFW maintains in a central computer database. It only documents the haulout sites to the best of our knowledge. It is not a complete inventory of haulout sites in the state. To insure appropriate use of this information, users are encouraged to consult with WDFW biologists. See Appendix I, at the end of this document, for contacts.

Please note maps may contain some species and habitats that are not considered priority by the agency.

All fish and wildlife species are vulnerable to harm from human activities. By receiving seal and sea lion haulout information from WDFW, you incur an obligation to use it in a way that does not cause undue harm to our public fish and wildlife resources.

Description and Use of Maps

Detailed 1:24,000 Scale Habitats and Species Map

The seal and sea lion haulout sites are combined on maps with information from the Priority Habitats and Species polygon/point database and other databases with priority information. A report that describes each haulout site on the 1:24,000 scale maps is included.

Description and Use of the Seal and Sea Lion Haulout Report

Points that are listed in the map legend as seal and sea lion haulouts are detailed in an independent report. An ID number in the report, identifying the haulout site, is associated with each seal and sea lion haulout symbol on the map. Seal and sea lion haulout

² Jeffries, S.J. et al, February 2000, *Atlas of Seal and Sea Lion Haulout Sites in Washington*, WDFW

sites on the map can be referenced to the report by noting the ID number and then looking up the information. The report is sorted by the ID number. Following is the descriptive information included in the report.

ID Number: Unique identifier of the haulout site.

Species Code: Code to identify each species at the haulout site.

| <u>Species</u> | <u>Priority</u> | <u>State Status</u> | <u>Common Name</u> | <u>Scientific Name</u> |
|----------------|-----------------|---------------------|------------------------|--------------------------|
| EJ | YES | ST | Steller Sea Lion | Eumetopias jubatus |
| MA | NO | | Northern Elephant Seal | Mirounga angustirotris |
| PV | YES | SM | Harbor Seal | Phoca vitulina richardst |
| ZC | YES | | California Sea Lion | Zalophus californianus |

Species: Code to identify each species at haulout site.

Priority: Species and habitats that are considered to be priorities for conservation and management by Washington Department of Fish and Wildlife (WDFW). For a copy of the most current *Priority Habitats and Species (PHS) List* contact WDFW PHS Section at (360) 902-2543, or it is available on our web site at wdfw.wa.gov/hab/phspage.htm

YES = Indicates that the species is considered a WDFW priority and is on the *Priority Habitat and Species List* and/or *Species of Concern List*.

NO = Indicates that the species is not a WDFW priority.

State Status: State listing status of the species.

SE = State endangered.

SC = State candidate.

ST = State threatened.

SM = State monitor.

SS = State sensitive.

Common Name: Common name of the species.

Scientific Name: Scientific name of the species

Latitude: Latitude coordinates of haulout site.

Longitude: Longitude coordinates of haulout site

Site Counts: Approximate number of animals at the haulout site at the time of the survey.

Tide Use: Type of tide when haulout site can be used.

LOW = Low tide.

HIGH = High tide.

All = All tides.

Region: The waters of Washington were geographically divided into survey regions which were based on the timing of harbor seal pupping seasons in different marine areas of Washington.

Site Location: Name of haulout site based on one or more prominent geographic features in the vicinity.

Site Description: General description of haulout site.

OLD GROWTH DATABASE

Database Manager: Shelly Snyder
(360) 902-2483

General Description

The Washington Department of Fish and Wildlife (WDFW) undertook an old growth inventory and mapping project as part of the overall Remote Sensing Program in 1986. WDFW uses remote sensing technology for wildlife habitat mapping and for research into habitat use by animals. The driving force behind this project was the need for forest stand type mapping for use in spotted owl habitat preference research, and management applications for elk and mountain goats. The objective was to improve the mapping of forest stand type categories in western Washington using digital Landsat Satellite data.

Resolution and Limitations

The Landsat data and other data analysis were done by WDFW personnel between 1986 and 1989 and are available for most of western Washington (excluding coastal lowlands). If a more detailed description of the Old Growth Database is needed please request the following document: *The Status of Old Growth in Western Washington: A Landsat Perspective* by James R. Eby and Michelle C. Snyder, January 1990.

Please note that this database is static and the information is dated, currently there are no plans to update the data.

Descriptions and Use of Maps

Detailed 1:24,000 Scale Old Growth Map

Old growth data overlay 1:24,000 scale US Geological Survey 7.5-minute topological maps. The maps contain information about late successional timber stands which are divided into three types, old growth, large saw timber, and small saw timber. Old growth is defined as coniferous forest stands where there are more than eight dominant trees per acre being thirty inches or more in diameter, co-dominant trees are sixteen or more inches in diameter, and where there is a deep multi storied canopy not completely closed. Large saw timer is defined as coniferous forest stands where there are ten or more dominant trees per acre being twenty to thirty inches in diameter, co-dominant trees are fourteen inches or more in diameter, and where there is a canopy of two or three layers being almost closed. Small saw timber is defined as coniferous forest stands where the dominant trees are fourteen to twenty inches in diameter, with a canopy of one or two layers and completely closed. Maps also contain township and section boundaries. Old growth maps are not included as part of the standard process, a special request for them must be made at the time you place your order. A report detailing information on old growth is not included with the maps. Contact the database manager for any questions you may have about the data.

1:100,000 Scale Old Growth Map

Contains old growth data at a scale of 1:100,000. Maps include the same information as described in the 1:24,000 scale version described above. A report detailing information on old growth is not included with the maps. If more detailed information is needed please request either digital data or the 1:24,000 scale old growth map. Contact the database manager for any questions you may have regarding this data.

Old Growth Map by County

Contains old growth data by county. Maps include the same information as described in the 1:24,000 scale version described above. This format is used when highly accurate locations are not required or data for a large area are requested. A report detailing information on old growth is not included with the maps. If more detailed information is needed please request either digital data or the 1:24,000 scale old growth map. Contact the database manager for any questions you may have regarding this data.

NATIONAL WETLANDS INVENTORY DATABASE

Database Manager: US Fish and Wildlife Service
nwi.fws.gov

General Description

The National Wetlands Inventory (NWI) Database is an inventory system developed in 1974 by US Fish and Wildlife Service. Mapped at a scale of 1:24,000 or 1:62,000, NWI identifies wetlands and deep-water habitats as either polygons or linear features. Attached to the mapped wetlands are descriptive codes based on the Cowardin classification system (Cowardin et al., 1979). Under the Cowardin system, wetlands are classified within a hierarchal organization according to plants, soils, and frequency of flooding. NWI data are managed by the US Fish and Wildlife Service.

Resolution and Limitations

NWI data is collected through stereoscopic analysis of high altitude color infrared aerial photographs. Because the methodology and scope of work impose limitations on the accuracy of the data, there is an inherent margin of error. As there has been no attempt in the design of the inventory system to delineate wetland boundaries, the maps should not be used for regulatory purposes. They are useful as an initial means of identifying the general location and extent of wetlands within a region, and when used in conjunction with hydric soils maps and aerial surveys, as a starting point for developing more detailed wetland inventories.

Please note that this version of the NWI database, housed at Washington Department of Fish and Wildlife, is static and the information is dated. Check with the US Fish and Wildlife Service web site, listed above, for any data that may have been updated in Washington State.

Description and Use of Maps

Detailed 1:24,000 Scale Habitat and Species Map

NWI areas are combined on maps with information from the Priority Habitats and Species polygon/point database and other databases with priority information. A report detailing information on NWI areas is not included with the standard map products. If specific details are needed you must request the digital data.

Appendix A. Species Codes Sorted by Code

This is a list of all species that occur in Washington State. Please note, that the species code, common name and scientific name are subject to change. The species code is derived from the genus and species to create a unique code for each species. In most cases, if there has been a change, the map and accompanying report will show the most current information. Also see Appendix C. for Special Species Codes and D. for Habitat Codes.

WDFW SPECIES CODES SORTED BY CODE

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|-----------------------------|------------------------------|
| ACAL | CHISELMOUTH | ACROCHEILUS ALUTACEUS |
| ACCO | COOPER'S HAWK | ACCIPITER COOPERII |
| ACGE | NORTHERN GOSHAWK | ACCIPITER GENTILIS |
| ACMA | SPOTTED SANDPIPER | ACTITIS MACULARIA |
| ACME | GREEN STURGEON | ACIPENSER MEDIROSTRIS |
| ACST | SHARP-SHINNED HAWK | ACCIPITER STRIATUS |
| ACTR | WHITE STURGEON | ACIPENSER TRANSMONTANUS |
| ADBR | CALIFORNIA SISTER | ADELPHA BREDOWII CALIFORNICA |
| AEAC | NORTHERN SAW-WHET OWL | AEGOLIUS ACADICUS |
| AECL | CLARK'S GREBE | AECHMOPHORUS CLARKII |
| AEFU | BOREAL OWL | AEGOLIUS FUNEREUS |
| AEOC | WESTERN GREBE | AECHMOPHORUS OCCIDENTALIS |
| AESA | WHITE-THROATED SWIFT | AERONAUTES SAXATALIS |
| AGBE | BELLER'S GROUND BEETLE | AGONUM BELLERI |
| AGPH | RED-WINGED BLACKBIRD | AGELAIUS PHOENICEUS |
| AISP | WOOD DUCK | AIX SPONSA |
| ALAL | MOOSE | ALCES ALCES |
| ALAR | EURASIAN SKYLARK | ALAUDA ARVENSIS |
| ALCH | CHUKAR | ALECTORIS CHUKAR |
| ALNE | NEWCOMB'S LITTORINE SNAIL | ALGAMORDA SUBROTUNDATA |
| ALSA | AMERICAN SHAD | ALOSA SAPIDISSIMA |
| AMBE | SAGE SPARROW | AMPHISPIZA BELLI |
| AMBI | BLACK-THROATED SPARROW | AMPHISPIZA BILINEATA |
| AMGR | NORTHWESTERN SALAMANDER | AMBYSTOMA GRACILE |
| AMLE | LECONTE'S SPARROW | AMMOSPIZA LECONTEII |
| AMMA | LONG-TOED SALAMANDER | AMBYSTOMA MACRODACTYLUM |
| AMRU | ROCK BASS | AMBLOPLITES RUPESTRIS |
| AMSA | GRASSHOPPER SPARROW | AMMODRAMUS SAVANNARUM |
| AMTI | TIGER SALAMANDER | AMBYSTOMA TIGRINUM |
| AMVI | ROADSIDE SKIPPER | AMBLYSCIRTES VIALIS |
| ANAAM | AMERICAN WIGEON | ANAS AMERICANA |
| ANAC | NORTHERN PINTAIL | ANAS ACUTA |
| ANAL | GREATER WHITE-FRONTED GOOSE | ANSER ALBIFRONS |
| ANAM | PRONGHORN | ANTILOCAPRA AMERICANA |
| ANCA | CALIFORNIA FLOATER | ANODONTA CALIFORNIENSIS |
| ANCL | NORTHERN SHOVELER | ANAS CLYPEATA |
| ANCR | GREEN-WINGED TEAL | ANAS CRECCA |
| ANCY | CINNAMON TEAL | ANAS CYANOPTERA |

WDFW SPECIES CODES SORTED BY CODE

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|----------------------------------|-----------------------------|
| ANDI | BLUE-WINGED TEAL | ANAS DISCORS |
| ANKE | WESTERN FLOATER | ANODONTA KENNERLYI |
| ANOR | OREGON FLOATER | ANODONTA OREGONENSIS |
| ANPA | PALLID BAT | ANTROZOUS PALLIDUS |
| ANPE | EURASIAN WIGEON | ANAS PENELOPE |
| ANPL | MALLARD | ANAS PLATYRHYNCHOS |
| ANRU | AMERICAN BLACK DUCK | ANAS RUBRIPES |
| ANRUBE | AMERICAN PIPIT | ANTHUS RUBESCENS |
| ANST | GADWALL | ANAS STREPERA |
| ANWA | WILLAMETE FLOATER | ANODONTA WAHLAMETENSIS |
| APCO | WESTERN SCRUB-JAY | APHELOCOMA COERULESCENS |
| APRU | MOUNTAIN BEAVER | APLODONTIA RUFA |
| APVI | SURFBIRD | APHRIZA VIRGATA |
| AQCH | GOLDEN EAGLE | AQUILA CHRYSAETOS |
| ARAL | BLACK-CHINNED HUMMINGBIRD | ARCHILOCHUS ALEXANDRI |
| ARALB | GREAT EGRET | ARDEA ALBA |
| AREIN | RUDDY TURNSTONE | ARENARIA INTERPRES |
| ARHE | GREAT BLUE HERON | ARDEA HERODIAS |
| ARME | BLACK TURNSTONE | ARENARIA MELANOCEPHALA |
| ASFL | SHORT-EARED OWL | ASIO FLAMMEUS |
| ASMO | ROCKY MOUNTAIN TAILED FROG | ASCAPHUS MONTANUS |
| ASOT | LONG-EARED OWL | ASIO OTUS |
| ASTR | TAILED FROG | ASCAPHUS TRUEI |
| ATCU | BURROWING OWL | ATHENE CUNICULARIA |
| AYAF | LESSER SCAUP | AYTHYA AFFINIS |
| AYAM | REDHEAD | AYTHYA AMERICANA |
| AYCO | RING-NECKED DUCK | AYTHYA COLLARIS |
| AYFU | TUFTED DUCK | AYTHYA FULIGULA |
| AYMA | GREATER SCAUP | AYTHYA MARILA |
| AYVA | CANVASBACK | AYTHYA VALISINERIA |
| BAAC | MINKE WHALE | BALAENOPTERA ACUTOROSTRATA |
| BABO | SEI WHALE | BALAENOPTERA BOREALIS |
| BAGL | BLACK RIGHT WHALE | BALAENA GLACIALIS |
| BALO | UPLAND SANDPIPER | BARTRAMIA LONGICAUDA |
| BAMU | BLUE WHALE | BALAENOPTERA MUSCULUS |
| BAPH | FIN WHALE | BALAENOPTERA PHYSALUS |
| BEBA | NORTH PACIFIC BOTTLE-NOSED WHALE | BERARDIUS BAIRDII |
| BOAS | ASTARTE FRITILLARY | BOLORIA ASTARTE |
| BOBE | MEADOW FRITILLARY | BOLORIA BELLONA SSP. |
| BOCE | CEDAR WAXWING | BOMBYCILLA CEDRORUM |
| BOFR | FREYA'S FRITILLARY | BOLORIA FREIJA FREIJA |
| BOGA | BOHEMIAN WAXWING | BOMBYCILLA GARRULUS |
| BOLE | AMERICAN BITTERN | BOTAURUS LENTIGINOSUS |
| BOSE | SILVER-BORDERED FRITILLARY | BOLORIA SELENE ATROCOSTALIS |
| BOUM | RUFFED GROUSE | BONASA UMBELLUS |
| BRBE | BRANT | BRANTA BERNICLA |
| BRBR | KITTLITZ'S MURRELET | BRACHYRAMPHUS BREVIROSTRIS |
| BRCA | CANADA GOOSE | BRANTA CANADENSIS |

WDFW SPECIES CODES SORTED BY CODE

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|-----------------------------|----------------------------------|
| BRCAF | VANCOUVER CANADA GOOSE | BRANTA CANADENSIS FULVA |
| BRCAL | ALEUTIAN CANADA GOOSE | BRANTA CANADENSIS LEUCOPAREIA |
| BRCAMI | CAKCLING CANADA GOOSE | BRANTA CANADENSIS MINIMA |
| BRCAMO | WESTERN CANADA GOOSE | BRANTA CANADENSIS MOFFITTI |
| BRCAO | DUSKY CANADA GOOSE | BRANTA CANADENSIS OCCIDENTALIS |
| BRCAT | TAVERNER'S CANADA GOOSE | BRANTA CANADENSIS TAVERNERI |
| BRMA | MARBLED MURRELET | BRACHYRAMPHUS MARMORATUS |
| BUAL | BUFFLEHEAD | BUCEPHALA ALBEOLA |
| BUBO | WESTERN TOAD | BUFO BOREAS |
| BUCL | COMMON GOLDENEYE | BUCEPHALA CLANGULA |
| BUIB | CATTLE EGRET | BUBULCUS IBIS |
| BUIS | BARROW'S GOLDENEYE | BUCEPHALA ISLANDICA |
| BUJA | RED-TAILED HAWK | BUTEO JAMAICENSIS |
| BULA | ROUGH-LEGGED HAWK | BUTEO LAGOPUS |
| BULI | RED-SHOULDERED HAWK | BUTEO LINEATUS |
| BUPL | BROAD-WINGED HAWK | BUTEO PLATYPTERUS |
| BURE | FERRUGINOUS HAWK | BUTEO REGALIS |
| BUSW | SWAINSON'S HAWK | BUTEO SWAINSONI |
| BUVI | GREAT HORNED OWL | BUBO VIRGINIANUS |
| BUVIRE | GREEN HERON | BUTORIDES VIRESCENS |
| BUWO | WOODHOUSE'S TOAD | BUFO WOODHOUSII |
| CAAC | SHARP-TAILED SANDPIPER | CALIDRIS ACUMINATA |
| CAAF | IMMACULATE GREEN HAIRSTREAK | CALLOPHRYS AFFINUS AFFINIS |
| CAALP | DUNLIN | CALIDRIS ALPINA |
| CAAN | ANNA'S HUMMINGBIRD | CALYPTE ANNA |
| CAAU | GOLDFISH | CARASSIUS AURATUS |
| CAAUR | TURKEY VULTURE | CATHARTES AURA |
| CABA | BAIRD'S SANDPIPER | CALIDRIS BAIRDII |
| CACA | LONGNOSE SUCKER | CATOSTOMUS CATOSTOMUS |
| CACAL | CALIFORNIA QUAIL | CALLIPEPLA CALIFORNICA |
| CACANU | RED KNOT | CALIDRIS CANUTUS |
| CACAR | LOGGERHEAD SEA TURTLE | CARETTA CARETTA |
| CACAS | CASSIN'S FINCH | CARPODACUS CASSINII |
| CACO | BRIDGELIP SUCKER | CATOSTOMUS COLUMBIANUS |
| CADUDU | BRAMBLE GREEN HAIRSTREAK | CALLOPHRYS DUMETORUM DUMETORUM |
| CADUOR | OREGON GREEN HAIRSTREAK | CALLOPHRYS DUMETORUM OREGONENSIS |
| CAFL | COMMON REDPOLL | CARDUELIS FLAMMEA |
| CAFU | VEERY | CATHARUS FUSCESCENS |
| CAFUS | WHITE-RUMPED SANDPIPER | CALIDRIS FUSCICOLLIS |
| CAGU | HERMIT THRUSH | CATHARUS GUTTATUS |
| CAHI | STILT SANDPIPER | CALIDRIS HIMANTOPUS |
| CALA | LAPLAND LONGSPUR | CALCARIUS LAPPONICUS |
| CALAL | SANDERLING | CALIDRIS ALBA |
| CALAT | COYOTE | CANIS LATRANS |
| CALFE | CURLEW SANDPIPER | CALIDRIS FERRUGINEA |
| CALPU | SEMIPALMATED SANDPIPER | CALIDRIS PUSILLA |
| CALU | GRAY WOLF | CANIS LUPUS |
| CAMA | LARGESCALE SUCKER | CATOSTOMUS MACROCHEILUS |

WDFW SPECIES CODES SORTED BY CODE

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|-----------------------------|-----------------------------------|
| CAMAU | WESTERN SANDPIPER | CALIDRIS MAURI |
| CAME | LARK BUNTING | CALAMOSPIZA MELANOCORYS |
| CAMEL | PECTORAL SANDPIPER | CALIDRIS MELANOTOS |
| CAMI | LEAST SANDPIPER | CALIDRIS MINUTILLA |
| CAOR | CHESTNUT-COLLARED LONGSPUR | CALCARIUS ORNATUS |
| CAPAMA | ARCTIC SKIPPER | CARTEROCEPHALUS PALAEMON MANDAN |
| CAPI | PINE SISKIN | CARDUELIS PINUS |
| CAPL | MOUNTAIN SUCKER | CATOSTOMUS PLATYRHYNCHUS |
| CAPS | LESSER GOLDFINCH | CARDUELIS PSALTRIA |
| CAPT | ROCK SANDPIPER | CALIDRIS PTILOCNEMIS |
| CARME | HOUSE FINCH | CARPODACUS MEXICANUS |
| CARPU | PURPLE FINCH | CARPODACUS PURPUREUS |
| CASCAN | BEAVER | CASTOR CANADENSIS |
| CASE | WILLET | CATOPTROPHORUS SEMIPALMATUS |
| CASHNE | CANYON GREEN HAIRSTREAK | CALLOPHRYS SHERIDANII NEOPERPLEXA |
| CASK | SOUTH POLAR SKUA | CATHARACTA MACCORMICKI |
| CASP | SALISH SUCKER | CATOSTOMUS SP. |
| CATME | CANYON WREN | CATHERPES MEXICANUS |
| CATR | AMERICAN GOLDFINCH | CARDUELIS TRISTIS |
| CAUR | NORTHERN FUR SEAL | CALLORHINUS URSINUS |
| CAUS | SWAINSON'S THRUSH | CATHARUS USTULATUS |
| CEAL | BELTED KINGFISHER | CERYLE ALCYON |
| CEAM | BROWN CREEPER | CERTHIA AMERICANA |
| CEAREC | BRANDED AZURES | CELASTRINA ARGIOLUS ECHO |
| CECO | PIGEON GUILLEMOT | CEPPHUS COLUMBA |
| CEEL | ELK | CERVUS ELAPHUS |
| CEELN | ROCKY MOUNTAIN ELK | CERVUS ELAPHUS NELSONI |
| CEELR | ROOSEVELT ELK | CERVUS ELAPHUS ROOSEVELTI |
| CEMO | RHINOCEROS AUKLET | CERORHINCA MONOCERATA |
| CEUR | SAGE-GROUSE | CENTROCERCUS UROPHASIANUS |
| CHAL | SNOWY PLOVER | CHARADRIUS ALEXANDRINUS |
| CHBO | RUBBER BOA | CHARINA BOTTAE |
| CHCAE | SNOW GOOSE | CHEN CAERULESCENS |
| CHCAN | EMPEROR GOOSE | CHEN CANAGICA |
| CHGR | LARK SPARROW | CHONDESTES GRAMMACUS |
| CHMI | COMMON NIGHTHAWK | CHORDEILES MINOR |
| CHMO | MOUNTAIN PLOVER | CHARADRIUS MONTANUS |
| CHNI | BLACK TERN | CHLIDONIAS NIGER |
| CHPAPA | NORTHERN CHECKERSPOT | CHLOSYPNE PALLA PALLA |
| CHPI | PAINTED TURTLE | CHRYSEMYS PICTA |
| CHRO | ROSS' GOOSE | CHEN ROSSII |
| CHSE | SEMIPALMATED PLOVER | CHARADRIUS SEMIPALMATUS |
| CHSER | SNAPPING TURTLE | CHELYDRA SERPENTINA |
| CHVA | VAUX'S SWIFT | CHAETURA VAUXI |
| CHVO | KILLDEER | CHARADRIUS VOCIFERUS |
| CICO | COLUMBIA RIVER TIGER BEETLE | CICINDELA COLUMBICA |
| CICY | NORTHERN HARRIER | CIRCUS CYANEUS |
| CIME | AMERICAN DIPPER | CINCLUS MEXICANUS |

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|-------------|----------------------------------|------------------------------------|
| CIPA | MARSH WREN | CISTOTHORUS PALUSTRIS |
| CLCA | WESTERN RED-BACKED VOLE | CLETHRIONOMYS CALIFORNICUS |
| CLGA | SOUTHERN RED-BACKED VOLE | CLETHRIONOMYS GAPPERI |
| CLHY | LONG-TAILED DUCK | CLANGULA HYEMALIS |
| CLMA | WESTERN POND TURTLE | CLEMMYS MARMORATA |
| CLMY | GREEN SEA TURTLE | CHELONIA MYDAS |
| CLPACP | PACIFIC HERRING (CHERRY POINT) | CLUPEA PALLASI |
| CLPADB | PACIFIC HERRING (DISCOVERY BAY) | CLUPEA PALLASI |
| COAL | COASTRANGE SCULPIN | COTTUS ALEUTICUS |
| COAM | YELLOW-BILLED CUCKOO | COCCYZUS AMERICANUS |
| COAS | PRICKLY SCULPIN | COTTUS ASPER |
| COAU | NORTHERN FLICKER | COLAPTES AURATUS |
| COBA | MOTTLED SCULPIN | COTTUS BAIRDI |
| COBE | PIUTE SCULPIN | COTTUS BELDINGI |
| COBO | OLIVE-SIDED FLYCATCHER | CONTOPUS BOREALIS |
| COBR | AMERICAN CROW | CORVUS BRACHYRHYNCHOS |
| COCA | NORTHWESTERN CROW | CORVUS CAURINUS |
| COCL | LAKE WHITEFISH | COREGONUS CLUPEAFORMIS |
| COCOG | SLIMY SCULPIN | COTTUS COGNATUS |
| COCON | SHORthead SCULPIN | COTTUS CONFUSUS |
| COCOR | COMMON RAVEN | CORVUS CORAX |
| COER | BLACK-BILLED CUCKOO | COCCYZUS ERYTHROPTALMUS |
| COFA | BAND-TAILED PIGEON | COLUMBA FASCIATA |
| COGU | RIFFLE SCULPIN | COTTUS GULOSUS |
| COHU | COLUMBIA SCULPIN | COTTUS HUBBSI |
| COINS | ISLAND OCHRE RINGLET | COENONYMPHA "TULLIA" INSULANA |
| COLCO | RACER | COLUBER CONSTRICTOR |
| COLI | ROCK DOVE | COLUMBA LIVIA |
| COMA | MARGINED SCULPIN | COTTUS MARGINATUS |
| CONA | LABRADOR SULPHUR | COLIAS NASTES STRECKERI |
| CONO | YELLOW RAIL | COTURNICOPS NOVEBORACENSIS |
| CONTE | SHARPTAIL SNAKE | CONTIA TENUIS |
| COOCOC | WESTERN SULPHUR | COLIAS OCCIDENTALIS OCCIDENTALIS |
| COPE | RETICULATE SCULPIN | COTTUS PERPLEXUS |
| COPL | LAKE CHUB | COUESIUS PLUMBEUS |
| CORH | TORRENT SCULPIN | COTTUS RHOTHEUS |
| COSO | WESTERN WOOD-PEWEE | CONTOPUS SORDIDULUS |
| COTO | TOWNSEND'S BIG-EARED BAT | CORYHORHINUS TOWNSENDII |
| COTOP | PALLID TOWNSEND'S BIG-EARED BAT | CORYHORHINUS TOWNSENDII PALLESCENS |
| COTOT | PACIFIC TOWNSEND'S BIG-EARED BAT | CORYHORHINUS TOWNSENDII TOWNSENDII |
| COVE | EVENING GROSBEAK | COCCOTHAUSTES VESPERTINUS |
| COVI | NORTHERN BOBWHITE | COLINUS VIRGINIANUS |
| CRVI | WESTERN RATTLESNAKE | CROTALUS VIRIDIS |
| CYAG | SHINER PERCH | CYMATOGASTER AGGREGATA |
| CYBU | TRUMPETER SWAN | CYGNUS BUCCINATOR |
| CYCA | CARP | CYPRINUS CARPIO |
| CYCO | TUNDRA SWAN | CYGNUS COLUMBIANUS |
| CYCR | BLUE JAY | CYANOCITTA CRISTATA |

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|-------------|-----------------------------|--------------------------------|
| CYNI | BLACK SWIFT | CYPSELOIDES NIGER |
| CYPS | PARAKEET AUKLET | CYCLORRHYNCHUS PSITTACULA |
| CYST | STELLER'S JAY | CYANOCITTA STELLERI |
| CYVI | AMERICAN PAINTED LADY | VANESSA VIRGINIENSIS |
| DEBI | FULVOUS WHISTLING DUCK | DENDROCYGNA BICOLOR |
| DECA | SPRUCE GROUSE | DENDRAGAPUS CANADENSIS |
| DECO | LEATHERBACK SEA TURTLE | DERMOCHELYS CORIACEA |
| DECOR | YELLOW-RUMPED WARBLER | DENDROICA CORONATA |
| DEDE | SADDLE-BACKED DOLPHIN | DELPHINUS DELPHIS |
| DENI | BLACK-THROATED GRAY WARBLER | DENDROICA NIGRESCENS |
| DEOB | BLUE GROUSE | DENDRAGAPUS OBSCURUS |
| DEOC | HERMIT WARBLER | DENDROICA OCCIDENTALIS |
| DEPA | PALM WARBLER | DENDROICA PALMARUM |
| DEPE | YELLOW WARBLER | DENDROICA PETECHIA |
| DEPEN | CHESTNUT-SIDED WARBLER | DENDROICA PENNSYLVANICA |
| DEST | BLACKPOLL WARBLER | DENDROICA STRIATA |
| DETI | CAPE MAY WARBLER | DENDROICA TIGRINA |
| DETO | TOWNSEND'S WARBLER | DENDROICA TOWNSENDI |
| DICO | COPE'S GIANT SALAMANDER | DICAMPTODON COPEI |
| DIOR | ORD'S KANGAROO RAT | DIPODOMYS ORDII |
| DIPU | RINGNECK SNAKE | DIADOPHIS PUNCTATUS |
| DITE | PACIFIC GIANT SALAMANDER | DICAMPTODON TENEBROSUS |
| DIVI | VIRGINIA OPOSSUM | DIDELPHIS VIRGINIANA |
| DOID | LONG-HORNED LEAF BEETLE | DONACIA IDOLA |
| DOOR | BOBOLINK | DOLICHONYX ORYZIVORUS |
| DRPI | PILEATED WOODPECKER | DRYOCOPUS PILEATUS |
| DUCA | GRAY CATBIRD | DUMETELLA CAROLINENSIS |
| EAHA | HATCH'S CLICK BEETLE | EANUS HATCHII |
| EGCA | LITTLE BLUE HERON | EGRETta CAERULEA |
| EGTH | SNOWY EGRET | EGRETta THULA |
| ELCO | NORTHERN ALLIGATOR LIZARD | ELGARIA COERULEA |
| ELLE | WHITE-TAILED KITE | ELANUS LEUCURUS |
| ELMU | SOUTHERN ALLIGATOR LIZARD | ELGARIA MULTICARINATA |
| EMDI | PACIFIC-SLOPE FLYCATCHER | EMPIDONAX DIFFICILIS |
| EMHA | HAMMOND'S FLYCATCHER | EMPIDONAX HAMMONDII |
| EMMI | LEAST FLYCATCHER | EMPIDONAX MINIMUS |
| EMOB | DUSKY FLYCATCHER | EMPIDONAX OBERHOLSERI |
| EMOC | CORDILLERAN FLYCATCHER | EMPIDONAX OCCIDENTALIS |
| EMTR | WILLOW FLYCATCHER | EMPIDONAX TRAILLII |
| EMWR | GRAY FLYCATCHER | EMPIDONAX WRIGHTII |
| ENES | ENSATINA | ENSATINA ESCHSCHOLTZII |
| ENLU | SEA OTTER | ENHYDRA LUTRIS |
| ENLULU | SEA OTTER | ENHYDRA LUTRIS LUTRIS |
| EPCLCA | SILVER-SPOTTED SKIPPER | EPARGYREUS CLARUS CALIFORNICUS |
| EPFU | BIG BROWN BAT | EPTESICUS FUSCUS |
| ERAF | AFRANIUS' DUSKYWING | ERYNNIS AFRANIUS |
| ERAL | HORNED LARK | EREMOPHILA ALPESTRIS |
| ERALS | STREAKED HORNED LARK | EREMOPHILA ALPESTRIS STRIGATA |

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|-------------|-------------------------------|-----------------------------------|
| ERDO | PORCUPINE | ERETHIZON DORSATUM |
| ERIC | DREAMY DUSKYWING | ERYNNIS ICELUS |
| ERPA | PACUVIUS' DUSKYWING | ERYNNIS PACUVIUS LILIUS |
| ERPE | PERSIUS' DUSKYWING | ERYNNIS PERSIUS |
| ERPR | PROPERTIUS' DUSKYWING | ERYNNIS PROPERTIUS |
| ESAN | GRASS PICKEREL | ESOX AMERICANUS |
| ESLU | NORTHERN PIKE | ESOX LUCIUS |
| ESRO | GRAY WHALE | ESCHRICHTIUS ROBUSTUS |
| EUAUI | ISLAND MARBLE | EUCHLOE AUSONIDES INSULANUS |
| EUCA | RUSTY BLACKBIRD | EUPHAGUS CAROLINUS |
| EUCHPE | PERDICCAS CHECKERSPOT | EUPHYDRYAS CHALCEDONA PERDICCAS |
| EUCHWA | SNOWBERRY CHECKERSPOT | EUPHYDRYAS CHALCEDONA WALLACENSIS |
| EUCY | BREWER'S BLACKBIRD | EUPHAGUS CYANOCEPHALUS |
| EUEDYA | TAYLOR'S (WHULGE) CHECKERSPOT | EUPHYDRYAS EDITHA TAYLORI |
| EUJU | STELLER SEA LION | EUMETOPIAS JUBATUS |
| EUMA | SPOTTED BAT | EUDERMA MACULATUM |
| EUMO | EURASIAN DOTTEREL | CHARADRIUS MORINELLUS |
| EUSK | WESTERN SKINK | EUMECES SKILTONIANUS |
| EUVE | DUN SKIPPER | EUPHYES VESTRIS VESTRIS |
| EUVEKI | KIOWA SKIPPER | EUPHYES VESTRIS KIOWA |
| EVCOCO | EASTERN TAILED BLUE | EVERES COMYNTAS COMYNTAS |
| FACO | MERLIN | FALCO COLUMBARIUS |
| FAME | PRAIRIE FALCON | FALCO MEXICANUS |
| FAPE | PEREGRINE FALCON | FALCO PEREGRINUS |
| FAPEA | AMERICAN PEREGRINE FALCON | FALCO PEREGRINUS ANATUM |
| FAPEP | PEALE'S PEREGRINE FALCON | FALCO PEREGRINUS PEALEI |
| FAPET | ARCTIC PEREGRINE FALCON | FALCO PEREGRINUS TUNDRIUS |
| FARU | GYRFALCON | FALCO RUSTICOLUS |
| FASP | AMERICAN KESTREL | FALCO SPARVERIUS |
| FECO | MOUNTAIN LION | FELIS CONCOLOR |
| FINU | GIANT COLUMBIA RIVER LIMPET | FISHEROLA NUTTALLI |
| FRCI | TUFTED PUFFIN | FRATERCULA CIRRHATA |
| FRCO | HORNED PUFFIN | FRATERCULA CORNICULATA |
| FRMA | MAGNIFICENT FRIGATEBIRD | FREGATA MAGNIFICENS |
| FUAM | AMERICAN COOT | FULICA AMERICANA |
| FUGL | NORTHERN FULMAR | FULMARS GLACIALIS |
| GAAC | THREE-SPINE STICKLEBACK | GASTEROSTEUS ACULEATUS |
| GAAD | YELLOW-BILLED LOON | GAVIA ADAMSII |
| GAAF | MOSQUITOFISH | GAMBUSIA AFFINIS |
| GAGA | COMMON SNIPE | GALLINAGO GALLINAGO |
| GAIM | COMMON LOON | GAVIA IMMER |
| GAMASCP | PACIFIC COD (S&C PUGET SOUND) | GADUS MACROCEPHALUS |
| GAPA | PACIFIC LOON | GAVIA PACIFICA |
| GAST | RED-THROATED LOON | GAVIA STELLATA |
| GETR | COMMON YELLOWTHROAT | GEOTHYLPIS TRICHAS |
| GIBI | TUI CHUB | GILA BICOLOR |
| GLGN | NORTHERN PYGMY-OWL | GLAUCIDIUM GNOMA |
| GLMA | SHORT-FINNED PILOT WHALE | GLOBICEPHALA MACRORHYNCHUS |

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|-------------|--------------------------|--------------------------------|
| GLSA | NORTHERN FLYING SQUIRREL | GLAUCOMYS SABRINUS |
| GOAN | WESTERN RIDGED MUSSEL | GONIDEA ANGULATA |
| GOLY | LYNN'S CLUBTAIL | GOMPHUS LYNNAE |
| GRCA | SANDHILL CRANE | GRUS CANADENSIS |
| GRGR | RISSE'S DOLPHIN | GRAMPUS GRISEUS |
| GUGU | WOLVERINE | GULO GULO |
| GYCY | PINYON JAY | GYMNORHINUS CYANOCEPHALUS |
| HABA | BLACK OYSTERCATCHER | HAEMATOPUS BACHMANI |
| HAGR | CHINQUAPIN HAIRSTREAK | HABRODAIS GRUNUS HERRI |
| HAKA | NORTHERN ABALONE | HALIOTIS KAMTSCHATKANA |
| HALE | BALD EAGLE | HALIAEETUS LEUCOCEPHALUS |
| HATI | CORAL HAIRSTREAK | HARKENCLINUS TITUS IMMACULOSUS |
| HECOOR | OREGON BRANDED SKIPPER | HESPERIA COMMA OREGONIA |
| HEIN | WANDERING TATTLER | HETEROSCELUS INCANUS |
| HEJU | JUBA SKIPPER | HESPERIA JUBA |
| HENE | NEVADA SKIPPER | HESPERIA NEVADA |
| HIHI | HARLEQUIN DUCK | HISTRIONICUS HISTRIONICUS |
| HIME | BLACK-NECKED STILT | HIMANTOPUS MEXICANUS |
| HIPY | CLIFF SWALLOW | HIRUNDO PYRRHONOTA |
| HIRU | BARN SWALLOW | HIRUNDO RUSTICA |
| HYRE | PACIFIC TREEFROG | HYLA REGILLA |
| HYTO | NIGHT SNAKE | HYPISIGLENA TORQUATA |
| ICFU | BLUE CATFISH | ICTALURUS FURCATUS |
| ICGA | NORTHERN ORIOLE | ICTERUS GALBULA |
| ICME | BLACK BULLHEAD | ICTALURUS MELAS |
| ICNA | YELLOW BULLHEAD | ICTALURUS NATALIS |
| ICNE | BROWN BULLHEAD | ICTALURUS NEBULOSUS |
| ICPA | SCOTT'S ORIOLE | ICTERUS PARISORUM |
| ICPU | CHANNEL CATFISH | ICTALURUS PUNCTATUS |
| ICVI | YELLOW-BREASTED CHAT | ICTERIA VIRENS |
| INERSH | SHELTON PINE ELFIN | INCISALIA ERYPHON SHELTONENSIS |
| INMOMO | MOSS ELFIN | INCISALIA MOSSII MOSSII |
| INPO | HOARY ELFIN | INCISALIA POLIA OBSCURA |
| IXNA | VARIED THRUSH | IXOREUS NAEVIUS |
| JUHY | DARK-EYED JUNCO | JUNCO HYEMALIS |
| KOBR | PYGMY SPERM WHALE | KOGIA BREVICEPS |
| LAAR | HERRING GULL | LARUS ARGENTATUS |
| LAAT | LAUGHING GULL | LARUS ATRICILLA |
| LAAY | RIVER LAMPREY | LAMPETRA AYRESI |
| LABO | RED BAT | LASIURUS BOREALIS |
| LACAL | CALIFORNIA GULL | LARUS CALIFORNICUS |
| LACI | HOARY BAT | LASIURUS CINEREUS |
| LACU | SAGEBRUSH VOLE | LAGURUS CURTATUS |
| LADE | RING-BILLED GULL | LARUS DELAWARENSIS |
| LAEX | NORTHERN SHRIKE | LANIUS EXCUBITOR |
| LAGL | GLAUCOUS-WINGED GULL | LARUS GLAUCESCENS |
| LAHE | HEERMANN'S GULL | LARUS HEERMANNI |
| LAHY | GLAUCOUS GULL | LARUS HYPERBOREUS |

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|-------------|--------------------------------|--------------------------------|
| LAL | WHITE-TAILED PTARMIGAN | LAGOPUS LEUCURUS |
| LALU | LOGGERHEAD SHRIKE | LANIUS LUDOVICIANUS |
| LAMI | LITTLE GULL | LARUS MINUTUS |
| LANO | SILVER-HAIRED BAT | LASIONYCTERIS NOCTIVAGANS |
| LAOB | PACIFIC WHITE-SIDED DOLPHIN | LAGENORHYNCHUS OBLIQUIDENS |
| LAOC | WESTERN GULL | LARUS OCCIDENTALIS |
| LAPH | BONAPARTE'S GULL | LARUS PHILADELPHIA |
| LAPI | FRANKLIN'S GULL | LARUS PIPIXCAN |
| LARCAN | MEW GULL | LARUS CANUS |
| LARI | WESTERN BROOK LAMPREY | LAMPETRA RICHARDSONI |
| LATH | THAYER'S GULL | LARUS THAYERI |
| LATR | PACIFIC LAMPREY | LAMPETRA TRIDENTATA |
| LAZO | CALIFORNIA MOUNTAIN KINGSLAKE | LAMPROPELTIS ZONATA |
| LEAM | SNOWSHOE HARE | LEPUS AMERICANUS |
| LEAR | PACIFIC STAGHORN SCULPIN | LEPTOCOTTUS ARMATUS |
| LECA | BLACK-TAILED JACK RABBIT | LEPUS CALIFORNICUS |
| LECY | GREEN SUNFISH | LEPOMIS CYANELLUS |
| LEGI | PUMPKINSEED | LEPOMIS GIBBOSUS |
| LEGU | WARMOUTH | LEPOMIS GULOSUS |
| LEMA | BLUEGILL | LEPOMIS MACROCHIRUS |
| LESP | JACK RABBIT | LEPUS SPP |
| LETE | GRAY-CROWNED ROSY-FINCH | LEUCOSTICTE TEPHROCOTIS |
| LETO | WHITE-TAILED JACK RABBIT | LEPUS TOWNSENDII |
| LIAR | NEVADA VICEROY | LIMENITIS ARCHIPPUS LAHONTANI |
| LIBO | NORTHERN RIGHT-WHALE DOLPHIN | LISSODELPHIS BOREALIS |
| LICO | GIANT COLUMBIA SPIRE SNAIL | FLUMINICOLA COLUMBIANA |
| LIFE | MARbled GODWIT | LIMOSA FEDOA |
| LIGR | SHORT-BILLED DOWITCHER | LIMNODROMUS GRISEUS |
| LIHA | HUDSONIAN GODWIT | LIMOSA HAEMASTICA |
| LILA | BAR-TAILED GODWIT | LIMOSA LAPPONICA |
| LISC | LONG-BILLED DOWITCHER | LIMNODROMUS SCOLOPACEUS |
| LOCUC | HOODED MERGANSER | LOPHODYTES CUCULLATUS |
| LOLE | WHITE-WINGED CROSSBILL | LOXIA LEUCOPTERA |
| LOLO | BURBOT | LOTA LOTA |
| LOXCU | RED CROSSBILL | LOXIA CURVIROSTRA |
| LUCA | RIVER OTTER | LUTRA CANADENSIS |
| LYCA | LYNX | LYNX CANADENSIS |
| LYCU | LUSTROUS COPPER | LYCAENA CUPREA HENRYAE |
| LYED | EDITH'S COPPER | LYCAENA EDITHA EDITHA |
| LYHE | PURPLISH COPPER | LYCAENA HELLOIDES |
| LYMACH | MAKAH (QUEEN CHARLOTTE) COPPER | LYCAENA MARIPOSA CHARLOTTENSIS |
| LYRU | BOBCAT | LYNX RUFUS |
| LYRUPE | RUDDY COPPER | LYCAENA RUBIDA PERKINSORUM |
| MAAM | MARTEN | MARTES AMERICANA |
| MACA | HOARY MARMOT | MARMOTA CALIGATA |
| MAFA | WESTERN PEARLSHELL | MARGARITIFERA FALCATA |
| MAFL | YELLOW-BELLIED MARMOT | MARMOTA FLAVIVENTRIS |

WDFW SPECIES CODES SORTED BY CODE

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|-------------------------------|----------------------------------|
| MAOL | OLYMPIC MARMOT | MARMOTA OLYMPUS |
| MAPE | FISHER | MARTES PENNANTI |
| MATA | STRIPED WHIPSNAKE | MASTICOPHIS TAENIATUS |
| MECA | MOORE'S BEAKED WHALE | MESOPLODON CARLHUBBSI |
| MEFO | ACORN WOODPECKER | MELANERPES FORMICIVORUS |
| MEFU | WHITE-WINGED SCOTER | MELANITTA FUSCA |
| MEGA | WILD TURKEY | MELEAGRIS GALLOPAVO |
| MEGAIN | RIO GRANDE WILD TURKEY | MELEAGRIS GALLOPAVO INTERMEDIA |
| MEGAME | MERRIAM'S WILD TURKEY | MELEAGRIS GALLOPAVO MERRIAMI |
| MEGASI | EASTERN WILD TURKEY | MELEAGRIS GALLOPAVO SILVESTRIS |
| MEGE | SWAMP SPARROW | MELOSPIZA GEORGIANA |
| MELE | LEWIS' WOODPECKER | MELANERPES LEWIS |
| MELI | LINCOLN'S SPARROW | MELOSPIZA LINCOLNII |
| MELME | SONG SPARROW | MELOSPIZA MELODIA |
| MEMEP | STRIPED SKUNK | MEPHITIS MEPHITIS |
| MENI | BLACK SCOTER | MELANITTA NIGRA |
| MENO | HUMPBACK WHALE | MEGAPTERA NOVAEANGLIAE |
| MEPE | SURF SCOTER | MELANITTA PERSPICILLATA |
| MEPRCEP | PACIFIC HAKE (C. PUGET SOUND) | MERLUCCIIUS PRODUCTUS |
| MERME | COMMON MERGANSER | MERGUS MERGANSER |
| MESE | RED-BREASTED MERGANSER | MERGUS SERRATOR |
| MEST | BERING SEA BEAKED WHALE | MESOPLODON STEJNEGERI |
| MIAN | NORTHERN ELEPHANT SEAL | MIROUNGA ANGUSTIROSTRIS |
| MICA | GRAY-TAILED VOLE | MICROTUS CANICAUDUS |
| MIDO | SMALLMOUTH BASS | MICROPTERUS DOLOMIEUI |
| MIJO | JOHNSON'S HAIRSTREAK | MITOURA JOHNSONI |
| MILO | LONG-TAILED VOLE | MICROTUS LONGICAUDUS |
| MIMO | MONTANE VOLE | MICROTUS MONTANUS |
| MIOR | CREEPING VOLE | MICROTUS OREGONI |
| MIPE | MEADOW VOLE | MICROTUS PENNSYLVANICUS |
| MIPEK | KINCAID'S MEADOW VOLE | MICROTUS PENNSYLVANICUS KINCAIDI |
| MIPO | NORTHERN MOCKINGBIRD | MIMUS POLYGLOTTOS |
| MIRI | WATER VOLE | MICROTUS RICHARDSONI |
| MIRORO | ARBORVITAE HAIRSTREAK | MITOURA ROSNERI ROSNERI |
| MISA | LARGEMOUTH BASS | MICROPTERUS SALMOIDES |
| MISI | JUNIPER HAIRSTREAK | MITOURA GRYNEA BARRYI |
| MISP | THICKET HAIRSTREAK | MITOURA SPINETORUM SPINETORUM |
| MITO | TOWNSEND'S VOLE | MICROTUS TOWNSENDII |
| MITOPU | SHAW ISLAND TOWNSEND'S VOLE | MICROTUS TOWNSENDII PUGETI |
| MNVA | BLACK-AND-WHITE WARBLER | MNIOTILTA VARIA |
| MOAT | BROWN-HEADED COWBIRD | MOLOTHRUS ATER |
| MOSA | STRIPED BASS | MORONE SAXATILIS |
| MUER | ERMINE | MUSTELA ERMINEA |
| MUFR | LONG-TAILED WEASEL | MUSTELA FRENATA |
| MUMU | HOUSE MOUSE | MUS MUSCULUS |
| MUVI | MINK | MUSTELA VISON |
| MYCA | PEAMOUTH | MYLOCHEILUS CAURINUS |
| MYCI | ASH-THROATED FLYCATCHER | MYIARCHUS CINERASCENS |

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|-------------|------------------------------------|----------------------------------|
| MYCO | NUTRIA | MYOCASTOR COYPUS |
| MYEV | LONG-EARED MYOTIS | MYOTIS EVOTIS |
| MYKE | KEEN'S MYOTIS | MYOTIS KEENII |
| MYLU | LITTLE BROWN MYOTIS | MYOTIS LUCIFUGUS |
| MYOCA | CALIFORNIA MYOTIS | MYOTIS CALIFORNICUS |
| MYOCI | SMALL-FOOTED MYOTIS | MYOTIS CILIOLABRUM |
| MYTH | FRINGED MYOTIS | MYOTIS THYSANODES |
| MYTO | TOWNSEND'S SOLITAIRE | MYADESTES TOWNSENDI |
| MYVO | LONG-LEGGED MYOTIS | MYOTIS VOLANS |
| MYYU | YUMA MYOTIS | MYOTIS YUMANENSIS |
| NECI | BUSHY-TAILED WOODRAT | NEOTOMA CINEREA |
| NEFU | DUSKY-FOOTED WOODRAT | NEOTOMA FUSCIPES |
| NEGI | SHREW-MOLE | NEUROTRICHUS GIBBSII |
| NNGFSH | NO NATIVE NONGAME FISH FOUND | NO NATIVE NONGAME FISH FOUND |
| NOGY | TADPOLE MADTOM | NOTURUS GYRINUS |
| NOHU | OLYMPIC MUDMINNOW | NOVUMBRA HUBBSI |
| NUAM | LONG-BILLED CURLEW | NUMENIUS AMERICANUS |
| NUCO | CLARK'S NUTCRACKER | NUCIFRAGA COLUMBIANA |
| NUPH | WHIMBREL | NUMENIUS PHAEOPUS |
| NYNY | BLACK-CROWNED NIGHT-HERON | NYCTICORAX NYCTICORAX |
| NYSC | SNOWY OWL | NYCTEA SCANDIACA |
| NYVA | COMPTON TORTOISESHELL | NYMPHALIS VAU-ALBUM WATSONI |
| OAGA | GARITA SKIPPERLING | OARISMA GARITA |
| OCFU | FORK-TAILED STORM-PETREL | OCEANODROMA FURCATA |
| OCLE | LEACH'S STORM-PETREL | OCEANODROMA LEUCORHOA |
| OCPR | PIKA | OCHOTONA PRINCEPS |
| OCSYBO | BONNEVILLE SKIPPER | OCHLODES SYLVANOIDES BONNEVILLA |
| OCSYOR | COASTAL WOODLAND SKIPPER | OCHLODES SYLVANOIDES ORECOASTA |
| OCYU | YUMA SKIPPER | OCHLODES YUMA |
| ODHE | MULE AND BLACK-TAILED DEER | ODOCOILEUS HEMIONUS |
| ODHEC | COLUMBIAN BLACK-TAILED DEER | ODOCOILEUS HEMIONUS COLUMBIANUS |
| ODHEH | MULE DEER | ODOCOILEUS HEMIONUS HEMIONUS |
| ODVI | WHITE-TAILED DEER | ODOCOILEUS VIRGINIANUS |
| ODVIL | COLUMBIAN WHITE-TAILED DEER | ODOCOILEUS VIRGINIANUS LEUCURUS |
| ODVIO | NORTHWEST WHITE-TAILED DEER | ODOCOILEUS VIRGINIANUS OCHROURUS |
| OEHC | CHRYXUS ARCTIC | OENEIS CHRYXUS CHRYXUS |
| OECHV | VALERATA ARCTIC | OENEIS CHRYXUS VALERATA |
| OEME | MELISSA ARCTIC | OENEIS MELISSA BEANII |
| OENEGI | GREAT ARCTIC | OENEIS NEVADENSIS GIGAS |
| ONCL | CUTTHROAT | ONCORHYNCHUS CLARKI |
| ONCLCL | COASTAL CUTTHROAT | ONCORHYNCHUS CLARKI CLARKI |
| ONCLLE | WESTSLOPE CUTTHROAT | ONCORHYNCHUS CLARKI LEWISI |
| ONGO | PINK SALMON | ONCORHYNCHUS GORBUSCHA |
| ONKE | CHUM SALMON | ONCORHYNCHUS KETA |
| ONKEHCS | CHUM SALMON (HOOD CANAL SU) | ONCORHYNCHUS KETA |
| ONKELC | CHUM SALMON (LOWER COLUMBIA) | ONCORHYNCHUS KETA |
| ONKI | COHO SALMON | ONCORHYNCHUS KISUTCH |
| ONKILCO | COHO SALMON (LOWER COLUMBIA/SW WA) | ONCORHYNCHUS KISUTCH |

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| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|------------------------------------|------------------------------|
| ONKIOLP | COHO SALMON (OLYMPIC PENINSULA) | ONCORHYNCHUS KISUTCH |
| ONKIPUS | COHO SALMON (PUGET SOUND) | ONCORHYNCHUS KISUTCH |
| ONLE | NORTHERN GRASSHOPPER MOUSE | ONYCHOMYS LEUCOGASTER |
| ONMY | RAINBOW TROUT | ONCORHYNCHUS MYKISS |
| ONMYLC | STEELHEAD (LOWER COLUMBIA) | ONCORHYNCHUS MYKISS |
| ONMYMC | STEELHEAD (MIDDLE COLUMBIA) | ONCORHYNCHUS MYKISS |
| ONMYSR | STEELHEAD (SNAKE RIVER) | ONCORHYNCHUS MYKISS |
| ONMYUC | STEELHEAD (UPPER COLUMBIA) | ONCORHYNCHUS MYKISS |
| ONNE | SOCKEYE SALMON | ONCORHYNCHUS NERKA |
| ONNEANA | SOCKEYE SALMON (ANADROMOUS) | ONCORHYNCHUS NERKA |
| ONNELAN | KOKANEE (LANDLOCKED SOCKEYE) | ONCORHYNCHUS NERKA |
| ONNEOZL | SOCKEYE SALMON (OZETTE LAKE) | ONCORHYNCHUS NERKA |
| ONNESNA | SOCKEYE SALMON (SNAKE R.) | ONCORHYNCHUS NERKA |
| ONTS | CHINOOK SALMON | ONCORHYNCHUS TSHAWYTSCHA |
| ONTS LC | CHINOOK SALMON (LOWER COLUMBIA) | ONCORHYNCHUS TSHAWYTSCHA |
| ONTSPS | CHINOOK SALMON (PUGET SOUND) | ONCORHYNCHUS TSHAWYTSCHA |
| ONTSSNF | CHINOOK SALMON (SNAKE R. FALL) | ONCORHYNCHUS TSHAWYTSCHA |
| ONTSSNS | CHINOOK SALMON (SNAKE R. SP/SU) | ONCORHYNCHUS TSHAWYTSCHA |
| ONTSUCS | CHINOOK SALMON (UPPER COLUMBIA SP) | ONCORHYNCHUS TSHAWYTSCHA |
| ONZI | MUSKRAT | ONDATRA ZIBETHICUS |
| OPTO | MACGILLIVRAY'S WARBLER | OPORORNIS TOLMIEI |
| ORAM | MOUNTAIN GOAT | OREAMNOS AMERICANUS |
| ORCU | EUROPEAN RABBIT | ORYCTOLAGUS CUNICULUS |
| ORMO | SAGE THRASHER | OREOSOPTES MONTANUS |
| OROR | KILLER WHALE | ORCINUS ORCA |
| ORPI | MOUNTAIN QUAIL | OREORTYX PICTUS |
| OSLU | OLYMPIA OYSTER | OSTREA LURIDA |
| OTFL | FLAMMULATED OWL | OTUS FLAMMEOLUS |
| OTKE | WESTERN SCREECH-OWL | OTUS KENNICOTTII |
| OVCA | BIGHORN SHEEP | OVIS CANADENSIS |
| OVCACAL | CALIFORNIA BIGHORN SHEEP | OVIS CANADENSIS CALIFORNIANA |
| OVCACAN | ROCKY MOUNTAIN BIGHORN SHEEP | OVIS CANADENSIS CANADENSIS |
| OXJA | RUDDY DUCK | OXYURA JAMAICENSIS |
| PAAM | NORTHERN PARULA | PARULA AMERICANA |
| PAAMO | LAZULI BUNTING | PASSERINA AMOENA |
| PACL | SHEPARD'S PARNASSIAN | PARNASSIUS CLODIUS SHEPARDI |
| PACY | INDIGO BUNTING | PASSERINA CYANEA |
| PADO | HOUSE SPARROW | PASSER DOMESTICUS |
| PAEB | IVORY GULL | PAGOPHILA EBURNEA |
| PAGL | EASTERN TIGER SWALLOWTAIL | PAPILIO GLAUCUS CANADENSIS |
| PAHA | OSPREY | PANDION HALIAETUS |
| PAIL | FOX SPARROW | PASSERELLA ILIACA |
| PASA | SAVANNAH SPARROW | PASSERCULUS SANDWICHENSIS |
| PECA | GRAY JAY | PERISOREUS CANADENSIS |
| PEER | AMERICAN WHITE PELICAN | PELECANUS ERYTHORHYNCHOS |
| PEFL | YELLOW PERCH | PERCA FLAVESCENS |
| PEMA | DEER MOUSE | PEROMYSCUS MANICULATUS |
| PEOC | BROWN PELICAN | PELECANUS OCCIDENTALIS |

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| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|--------------------------|--------------------------------|
| PEOR | LONG-TAILED DEER MOUSE | PEROMYSCUS OREAS |
| PEPA | GREAT BASIN POCKET MOUSE | PEROGNATHUS PARVUS |
| PEPE | GRAY PARTRIDGE | PERDIX PERDIX |
| PETR | SAND ROLLER | PERCOPSIS TRANSMONTANA |
| PHAE | RED-BILLED TROPICBIRD | PHAETHON AETHEREUS |
| PHAL | SHORT-TAILED ALBATROSS | PHOEBASTRIA ALBATRUS |
| PHALFU | RED PHALAROPE | PHALAROPUS FULICARIA |
| PHAU | DOUBLE-CRESTED CORMORANT | PHALACROCORAX AURITUS |
| PHCO | RING-NECKED PHEASANT | PHASIANUS COLCHICUS |
| PHDA | DALL'S PORPOISE | PHOCOENOIDES DALLI |
| PHDO | SHORT-HORNED LIZARD | PHRYNOSOMA DOUGLASSI |
| PHIM | LAYSAN ALBATROSS | PHOEBASTRIA IMMATABILIS |
| PHIN | HEATHER VOLE | PHENACOMYS INTERMEDIUS |
| PHLO | RED-NECKED PHALAROPE | PHALAROPUS LOBATUS |
| PHLU | ROSE-BREASTED GROSBEAK | PHEUCTICUS LUDOVICIANUS |
| PHMA | SPERM WHALE | PHYSETER MACROCEPHALUS |
| PHME | BLACK-HEADED GROSBEAK | PHEUCTICUS MELANOCEPHALUS |
| PHNI | BLACK-FOOTED ALBATROSS | PHOEBASTRIA NIGRIPES |
| PHNU | COMMON POORWILL | PHALAENOPTILUS NUTTALLII |
| PHPA | PALE CRESCENT | PHYCIODES PALLIDUS BARNESI |
| PHPAS | PASCO PEARL CRESCENT | PHYCIODES "THAROS" PASCOENSIS |
| HPPEL | PELAGIC CORMORANT | PHALACROCORAX PELAGICUS |
| HPEN | BRANDT'S CORMORANT | PHALACROCORAX PENICILLATUS |
| PHPH | PACIFIC HARBOR PORPOISE | PHOCOENA PHOCOENA |
| PHPU | RUFF | PHILOMACHUS PUGNAX |
| PHTR | WILSON'S PHALAROPE | PHALAROPUS TRICOLOR |
| PHVI | HARBOR SEAL | PHOCA VITULINA |
| PIAL | WHITE-HEADED WOODPECKER | PICOIDES ALBOLARVATUS |
| PIAR | BLACK-BACKED WOODPECKER | PICOIDES ARCTICUS |
| PICA | GOPHER SNAKE | PITUOPHIS CATENIFER |
| PICACA | PACIFIC GOPHER SNAKE | PITUOPHIS CATENIFER CATENIFER |
| PICH | GREEN-TAILED TOWHEE | PIPILO CHLORURUS |
| PIEN | PINE GROSBEAK | PINICOLA ENUCLEATOR |
| PIER | RUFIOUS-SIDED TOWHEE | PIPILO ERYTHROPHthalmus |
| PIHE | WESTERN PIPISTRELLE | PIPISTRELLUS HESPERUS |
| PILU | WESTERN Tanager | PIRANGA LUDOVICIANA |
| PIPI | BLACK-BILLED MAGPIE | PICA PICA |
| PIPR | CHECKERED WHITE | PIERIS (PONTIA) PROTODICE |
| PIPU | DOWNY WOODPECKER | PICOIDES PUBESCENS |
| PITR | THREE-TOED WOODPECKER | PICOIDES TRIDACTYLUS |
| PIVI | HAIRY WOODPECKER | PICOIDES VILLOSUS |
| PLAQ | HIGH MOUNTAIN BLUE | AGRIADES GLANDON MEGALO |
| PLCH | WHITE-FACED IBIS | PLEGADIS CHIHII |
| PLDO | AMERICAN GOLDEN-PLOVER | PLUVIALIS DOMINICA |
| PLDU | DUNN'S SALAMANDER | PLETHODON DUNNI |
| PLFU | PACIFIC GOLDEN-PLOVER | PLUVIALIS FULVA |
| PLHY | MCKAY'S BUNTING | PLECTROPHENAX HYPERBOREUS |
| PLICER | PUGET BLUE | PLEBEJUS ICARIOIDES BLACKMOREI |

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|-------------|----------------------------|-----------------------------|
| PLLA | LARCH MOUNTAIN SALAMANDER | PLETHODON LARSELLI |
| PLNI | SNOW BUNTING | PLECTROPHENAX NIVALIS |
| PLSQ | BLACK-BELLIED PLOVER | PLUVIALIS SQUATAROLA |
| PLST | STARRY FLOUNDER | PLATICHTHYS STELLATUS |
| PLVA | VAN DYKE'S SALAMANDER | PLETHODON VANDYKEI |
| PLVE | WESTERN REDBACK SALAMANDER | PLETHODON VEHICULUM |
| POAN | WHITE CRAPPIE | POMOXIS ANNULARIS |
| POAT | BLACK-CAPPED CHICKADEE | POECILE ATRICAPILLUS |
| POAU | HORNED GREBE | PODICEPS AURITUS |
| POCO | YELLOWPATCH SKIPPER | POLITES CORAS |
| PODNI | EARED GREBE | PODICEPS NIGRICOLLIS |
| POGA | MOUNTAIN CHICKADEE | POECILE GAMBELI |
| POGR | RED-NECKED GREBE | PODICEPS GRISEGENA |
| POGRA | OREGON VESPER SPARROW | POOECETES GRAMINEUS AFFINIS |
| POHU | BOREAL CHICKADEE | POECILE HUDSONICUS |
| POLCA | BLUE-GRAY GNATCATCHER | POLIOPTILA CAERULEA |
| POMA | MARDON SKIPPER | POLITES MARDON |
| POMY | LONG-DASH SKIPPER | POLITES MYSTIC SSP. |
| PONI | BLACK CRAPPIE | POMOXIS NIGROMACULATUS |
| POOGR | VESPER SPARROW | POOECETES GRAMINEUS |
| POOR | OREAS ANGLEWING | POLYGONIA OREAS |
| POPO | PIED-BILLED GREBE | PODILYMBUS PODICEPS |
| PORCA | SORA | PORZANA CAROLINA |
| PORU | CHESTNUT-BACKED CHICKADEE | POECILE RUFESCENS |
| POSO | SONORA SKIPPER | POLITES SONORA SONORA |
| POSOS | SONORA SKIPPER | POLITES SONORA SIRIS |
| POTH | TAWNY-EDGED SKIPPER | POLITES THEMISTOCLES |
| PRCI | PROTHONOTARY WARBLER | PROTONOTARIA CITREA |
| PRCO | PYGMY WHITEFISH | PROSOPIUM COULTERI |
| PRLO | RACCOON | PROCYON LOTOR |
| PRSU | PURPLE MARTIN | PROGNE SUBIS |
| PRWI | MOUNTAIN WHITEFISH | PROSOPIUM WILLIAMSONI |
| PSCR | FALSE KILLER WHALE | PSEUDORCA CRASSIDENS |
| PSMI | BUSHTIT | PSALTRIPARUS MINIMUS |
| PSSC | POND SLIDER | PSEUDEMYIS SCRIPTA |
| PTAL | CASSIN'S AUKLET | PTYCHORAMPHUS ALEUTICUS |
| PTIN | MOTTLED PETREL | PTERODROMA INEXPECTATA |
| PTOR | NORTHERN PIKEMINNOW | PTYCHOCEILUS OREGONENSIS |
| PUBU | BULLER'S SHEARWATER | PUFFINUS BULLERI |
| PUCA | FLESH-FOOTED SHEARWATER | PUFFINUS CARNEIPES |
| PUCR | PINK-FOOTED SHEARWATER | PUFFINUS CREATOPUS |
| PUGR | SOOTY SHEARWATER | PUFFINUS GRISEUS |
| PUTE | SHORT-TAILED SHEARWATER | PUFFINUS TENUIROSTRIS |
| PYCE | ALPINE CHECKERED SKIPPER | PYRGUS CENTAUREAE LOKI |
| PYOL | FLATHEAD CATFISH | PYLODICTIS OLIVARIS |
| QUQU | COMMON GRACKLE | QUISCALUS QUISCULA |
| RAAU | RED-LEGGED FROG | RANA AURORA |
| RACAT | BULLFROG | RANA CATESBEIANA |

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| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|-------------------------------------|------------------------------------|
| RACL | GREEN FROG | <i>RANA CLAMITANS</i> |
| RALI | VIRGINIA RAIL | <i>RALLUS LIMICOLA</i> |
| RALU | COLUMBIA SPOTTED FROG | <i>RANA LUTEIVENTRIS</i> |
| RANCA | CASCADES FROG | <i>RANA CASCADEAE</i> |
| RANO | NORWAY RAT | <i>RATTUS NORVEGICUS</i> |
| RAPI | NORTHERN LEOPARD FROG | <i>RANA PIPIENS</i> |
| RAPR | OREGON SPOTTED FROG | <i>RANA PRETIOSA</i> |
| RARA | BLACK RAT | <i>RATTUS RATTUS</i> |
| RASY | WOOD FROG | <i>RANA SYLVATICA</i> |
| RATA | WOODLAND CARIBOU | <i>RANGIFER TARANDUS</i> |
| REAM | AMERICAN AVOCET | <i>RECURVIROSTRA AMERICANA</i> |
| RECA | RUBY-CROWNED KINGLET | <i>REGULUS CALENDULA</i> |
| REME | WESTERN HARVEST MOUSE | <i>REITHRODONTOMYS MEGALOTIS</i> |
| RESA | GOLDEN-CROWNED KINGLET | <i>REGULUS SATRAPA</i> |
| RHCA | LONGNOSE DACE | <i>RHINICHTHYS CATARACTAE</i> |
| RHCAS | CASCADE TORRENT SALAMANDER | <i>RHYACOTRITON CASCADEAE</i> |
| RHCASS | NOOKSACK DACE | <i>RHINICHTHYS CATARACTAE SSP.</i> |
| RHFA | LEOPARD DACE | <i>RHINICHTHYS FALCATUS</i> |
| RHKE | COLUMBIA TORRENT SALAMANDER | <i>RHYACOTRITON KEZERI</i> |
| RHOL | OLYMPIC TORRENT SALAMANDER | <i>RHYACOTRITON OLYMPICUS</i> |
| RHOS | SPECKLED DACE | <i>RHINICHTHYS OSCULUS</i> |
| RHUM | UMATILLA DACE | <i>RHINICHTHYS UMATILLA</i> |
| RIBA | REDSIDE SHINER | <i>RICHARDSONIUS BALTEATUS</i> |
| RIBR | RED-LEGGED KITTIWAKE | <i>RISSA BREVIROSTRIS</i> |
| RIRI | BANK SWALLOW | <i>RIPARIA RIPARIA</i> |
| RITR | BLACK-LEGGED KITTIWAKE | <i>RISSA TRIDACTYLA</i> |
| SAAG | GOLDEN TROUT | <i>SALMO AGUABONITA</i> |
| SACO | BULL TROUT | <i>SALVELINUS CONFLUENTUS</i> |
| SACOCB | BULL TROUT (COLUMBIA BASIN) | <i>SALVELINUS CONFLUENTUS</i> |
| SACOPS | BULL TROUT (COASTAL/PUGET SOUND) | <i>SALVELINUS CONFLUENTUS</i> |
| SAFO | BROOK TROUT | <i>SALVELINUS FONTINALIS</i> |
| SAMA | DOLLY VARDEN | <i>SALVELINUS MALMA</i> |
| SANA | LAKE TROUT | <i>SALVELINUS NAMAYCUSH</i> |
| SAOB | ROCK WREN | <i>SALPINCTES OBSOLETUS</i> |
| SASA | ATLANTIC SALMON | <i>SALMO SALAR</i> |
| SASY | SYLVAN HAIRSTREAK | <i>SATYRIUM SYLVINUM SYLVINUM</i> |
| SASYL | SYLVAN HAIRSTREAK | <i>SATYRIUM SYLVINUM PUTNAMI</i> |
| SATR | BROWN TROUT | <i>SALMO TRUTTA</i> |
| SAYSA | SAY'S PHOEBE | <i>SAYORNIS SAYA</i> |
| SCCA | GRAY SQUIRREL | <i>SCIURUS CAROLINENSIS</i> |
| SCGRA | SAGEBRUSH LIZARD | <i>SCELOPORUS GRACIOSUS</i> |
| SCGRI | WESTERN GRAY SQUIRREL | <i>SCIURUS GRISEUS</i> |
| SCLA | BROAD-FOOTED MOLE | <i>SCAPANUS LATIMANUS</i> |
| SCMA | MANN'S MOLLUSK-EATING GROUND BEETLE | <i>SCAPHINOTUS MANNII</i> |
| SCNI | FOX SQUIRREL | <i>SCIURUS NIGER</i> |
| SCOC | WESTERN FENCE LIZARD | <i>SCELOPORUS OCCIDENTALIS</i> |
| SCOR | COAST MOLE | <i>SCAPANUS ORARIUS</i> |
| SCTO | TOWNSEND'S MOLE | <i>SCAPANUS TOWNSENDII</i> |

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|-------------|--|--------------------------------|
| SEAU | OVENBIRD | SEIURUS AUROCAPILLUS |
| SEAU | BROWN ROCKFISH | SEBASTES AURICULATUS |
| SECA | COPPER ROCKFISH | SEBASTES CAURINUS |
| SEEL | GREENSTRIPED ROCKFISH | SEBASTES ELONGATUS |
| SEEN | WIDOW ROCKFISH | SEBASTES ENTOMELAS |
| SEFL | YELLOWTAIL ROCKFISH | SEBASTES FLAVIDUS |
| SEMA | QUILLBACK ROCKFISH | SEBASTES MALIGER |
| SEME | BLACK ROCKFISH | SEBASTES MELANOPS |
| SENEB | CHINA ROCKFISH | SEBASTES NEBULOSUS |
| SENI | TIGER ROCKFISH | SEBASTES NIGROCINCTUS |
| SENO | NORTHERN WATERTHRUSH | SEIURUS NOVEBORACENSIS |
| SEPA | BOCACCIO ROCKFISH | SEBASTES PAUCISPINIS |
| SEPI | CANARY ROCKFISH | SEBASTES PINNIGER |
| SEPR | REDSTRIPE ROCKFISH | SEBASTES PRORIGER |
| SERU | AMERICAN REDSTART | SETOPHAGA RUTICILLA |
| SERUB | YELLOW EYE ROCKFISH | SEBASTES RUBERRIMUS |
| SERUF | RUFIOUS HUMMINGBIRD | SELASPHORUS RUFUS |
| SESA | ALLEN'S HUMMINGBIRD | SELASPHORUS SASIN |
| SICAR | WHITE-BREASTED NUTHATCH | SITTA CAROLINENSIS |
| SICARA | SLENDER-BILLED WHITE-BREASTED NUTHATCH | SITTA CAROLINENSIS ACULEATA |
| SICU | MOUNTAIN BLUEBIRD | SIALIA CURRUCOIDES |
| SIME | WESTERN BLUEBIRD | SIALIA MEXICANA |
| SIPY | PYGMY NUTHATCH | SITTA PYGMAEA |
| SITCA | RED-BREASTED NUTHATCH | SITTA CANADENSIS |
| SOBE | PACIFIC WATER SHREW | SOREX BENDIRII |
| SOCI | MASKED SHREW | SOREX CINEREUS |
| SOFE | FENDER'S SOLIPERLAN STONEFLY | SOLIPERLA FENDERI |
| SOHO | PYGMY SHREW | SOREX HOYI |
| SOME | MERRIAM'S SHREW | SOREX MERRIAMI |
| SOMO | DUSKY SHREW | SOREX MONTICOLUS |
| SOPAL | WATER SHREW | SOREX PALUSTRIS |
| SOPR | PREBLE'S SHREW | SOREX PREBLEI |
| SOTRO | TROWBRIDGE'S SHREW | SOREX TROWBRIDGII |
| SOTROD | DESTRUCTION ISLAND SHREW | SOREX TROWBRIDGII DESTRUCTIONI |
| SOVA | VAGRANT SHREW | SOREX VAGRANS |
| SPAR | AMERICAN TREE SPARROW | SPIZELLA ARBOREA |
| SPBEE | CALIFORNIA GROUND SQUIRREL | SPERMOPHILUS BEECHEYI |
| SPBR | BREWER'S SPARROW | SPIZELLA BREWERI |
| SPCO | COLUMBIAN GROUND SQUIRREL | SPERMOPHILUS COLUMBIANUS |
| SPEG | EGLEIS FRITILLARY | SPEYERIA EGLEIS OWENI |
| SPEGM | EGLEIS FRITILLARY | SPEYERIA EGLEIS MCDUNNOUGHII |
| SPGR | SPOTTED SKUNK | SPILOGALE GRACILIS |
| SPHTH | WILLIAMSON'S SAPSUCKER | SPHYRAPICUS THYROIDEUS |
| SPHYRH | HYDASPE FRITILLARY | SPEYERIA HYDASPE RHODOPE |
| SPIN | GREAT BASIN SPADEFOOT | SPEA INTERMONTANA |
| SPLA | GOLDEN-MANTLED GROUND SQUIRREL | SPERMOPHILUS LATERALIS |
| SPLE | PUGET SOUND SILVERSPOT | SPEYERIA CYBELE PUGETENSIS |
| SPNU | RED-NAPED SAPSUCKER | SPHYRAPICUS NUCHALIS |

WDFW SPECIES CODES SORTED BY CODE

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|--|-----------------------------|
| SPPA | CHIPPING SPARROW | SPIZELLA PASSERINA |
| SPPAL | CLAY-COLORED SPARROW | SPIZELLA PALLIDA |
| SPRU | RED-BREASTED SAPSUCKER | SPHYRAPICUS RUBER |
| SPSA | CASCADE GOLDEN-MANTLED GROUND SQUIRREL | SPERMOPHILUS SATURATUS |
| SPTH | LONGFIN SMELT | SPIRINCHUS THALEICHTHYS |
| SPTO | TOWNSEND'S GROUND SQUIRREL | SPERMOPHILUS TOWNSENDII |
| SPWA | WASHINGTON GROUND SQUIRREL | SPERMOPHILUS WASHINGTONI |
| SPZE | ZERENE FRITILLARY | SPEYERIA ZERENE |
| SPZEBR | VALLEY SILVERSPOT | SPEYERIA ZERENE BREMNERII |
| SPZEHI | OREGON SILVERSPOT BUTTERFLY | SPEYERIA ZERENE HIPPOLYTA |
| STAN | LEAST TERN | STERNA ANTILLARUM |
| STCA | CASPIAN TERN | STERNA CASPIA |
| STCO | STRIPED DOLPHIN | STENELLA COERULEOALBA |
| STELCA | CALLIOPE HUMMINGBIRD | STELLULA CALLIOPE |
| STFO | FORSTER'S TERN | STERNA FORSTERI |
| STHI | COMMON TERN | STERNA HIRUNDO |
| STLO | LONG-TAILED JAEGER | STERCORARIUS LONGICAUDUS |
| STNE | GREAT GRAY OWL | STRIX NEBULOSA |
| STOC | SPOTTED OWL | STRIX OCCIDENTALIS |
| STPA | PARASITIC JAEGER | STERCORARIUS PARASITICUS |
| STPAR | ARCTIC TERN | STERNA PARADISAEA |
| STPO | POMARINE JAEGER | STERCORARIUS POMARINUS |
| STSE | NORTHERN ROUGH-WINGED SWALLOW | STELGIDOPTERYX SERRIPENNIS |
| STUNE | WESTERN MEADOWLARK | STURNELLA NEGLECTA |
| STVA | BARRED OWL | STRIX VARIA |
| STVI | WALLEYE | STIZOSTEDION VITREUM |
| STVU | EUROPEAN STARLING | STURNUS VULGARIS |
| SUNE | BLUE-FOOTED BOOBY | SULA NEBOUXII |
| SUUL | NORTHERN HAWK OWL | SURNIA ULULA |
| SYAN | ANCIENT MURRELET | SYNTHLIBORAMPHUS ANTIQUUS |
| SYBO | NORTHERN BOG LEMMING | SYNAPTOMYS BOREALIS |
| SYFL | EASTERN COTTONTAIL | SYLVILAGUS FLORIDANUS |
| SYHY | XANTUS' MURRELET | SYNTHLIBORAMPHUS HYPOLEUCUS |
| SYID | PYGMY RABBIT | BRACHYLAGUS IDAHOENSIS |
| SYNU | NUTTALL'S COTTONTAIL | SYLVILAGUS NUTTALLII |
| TAAM | YELLOW-PINE CHIPMUNK | TAMIAS AMOENUS |
| TABI | TREE SWALLOW | TACHYGINETA BICOLOR |
| TADO | DOUGLAS' SQUIRREL | TAMIASCIURUS DOUGLASII |
| TAGR | ROUGHSKIN NEWT | TARICHA GRANULOSA |
| TAHU | RED SQUIRREL | TAMIASCIURUS HUDSONICUS |
| TAMI | LEAST CHIPMUNK | TAMIAS MINIMUS |
| TARU | RED-TAILED CHIPMUNK | TAMIAS RUFICAUDUS |
| TATA | BADGER | TAXIDEA TAXUS |
| TATH | VIOLET-GREEN SWALLOW | TACHYGINETA THALASSINA |
| TATO | TOWNSEND'S CHIPMUNK | TAMIAS TOWNSENDII |
| THAR | ARCTIC GRAYLING | THYMALLUS ARCTICUS |
| THBE | BEWICK'S WREN | THRYOMANES BEWICKII |
| THCA | SHY ALBATROSS | THALASSARCHE CAUTA |

WDFW SPECIES CODES SORTED BY CODE

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|-----------------------------------|-------------------------------|
| THCHSOP | WALLEYE POLLOCK (SO. PUGET SOUND) | THERAGRA CHALCOGRAMMA |
| THEL | WESTERN TERRESTRIAL GARTER SNAKE | THAMNOPHIS ELEGANS |
| THMA | MAZAMA (WESTERN) POCKET GOPHER | THOMOMYS MAZAMA |
| THMAC | SHELTON POCKET GOPHER | THOMOMYS MAZAMA COUCHI |
| THMAL | CATHLAMET POCKET GOPHER | THOMOMYS MAZAMA LOUIEI |
| THMAME | OLYMPIC POCKET GOPHER | THOMOMYS MAZAMA MELANOPS |
| THMATA | TACOMA POCKET GOPHER | THOMOMYS MAZAMA TACOMENSIS |
| THMAY | YELM POCKET GOPHER | THOMOMYS MAZAMA YELMENSIS |
| THOR | NORTHWESTERN GARTER SNAKE | THAMNOPHIS ORDINOIDES |
| THPA | EULACHON | THALEICHTHYS PACIFICUS |
| THPY | NORTHERN CLOUDY WING | THORYBES PYLADES |
| THSI | COMMON GARTER SNAKE | THAMNOPHIS SIRTALIS |
| THTA | NORTHERN POCKET GOPHER | THOMOMYS TALPOIDES |
| THTAD | BRUSH PRAIRIE POCKET GOPHER | THOMOMYS TALPOIDES DOUGLASI |
| THTAL | WHITE SALMON POCKET GOPHER | THOMOMYS TALPOIDES LIMOSUS |
| TITI | TENCH | TINCA TINCA |
| TRAE | HOUSE WREN | TROGLODYTES AEDON |
| TRFL | LESSER YELLOWLEGS | TRINGA FLAVIPES |
| TRME | GREATER YELLOWLEGS | TRINGA MELANOLEUCA |
| TRSO | SOLITARY SANDPIPER | TRINGA SOLITARIA |
| TRSU | BUFF-BREASTED SANDPIPER | TRYNGITES SUBRUFICOLLIS |
| TRTR | WINTER WREN | TROGLODYTES TROGLODYTES |
| TUMI | AMERICAN ROBIN | TURDUS MIGRATORIUS |
| TYAL | BARN OWL | TYTO ALBA |
| TYME | TROPICAL KINGBIRD | TYRANNUS MELANCHOLICUS |
| TYPH | SHARP-TAILED GROUSE | TYMPANUCHUS PHASIANELLUS |
| TYTY | EASTERN KINGBIRD | TYRANNUS TYRANNUS |
| TYVE | WESTERN KINGBIRD | TYRANNUS VERTICALIS |
| URAA | COMMON MURRE | URIA AALGE |
| URAM | BLACK BEAR | URSUS AMERICANUS |
| URAR | GRIZZLY BEAR | URSUS ARCTOS |
| URCI | GRAY FOX | UROCYON CINEREOARGENTUS |
| URLO | THICK-BILLED MURRE | URIA LOMVIA |
| UTST | SIDE-BLOTCHED LIZARD | UTA STANSBURIANA |
| VECE | ORANGE-CROWNED WARBLER | VERMIVORA CELATA |
| VEPE | TENNESSEE WARBLER | VERMIVORA PEREGRINA |
| VERU | NASHVILLE WARBLER | VERMIVORA RUFICAPILLA |
| VIGI | WARBLING VIREO | VIREO GILVUS |
| VIHU | HUTTON'S VIREO | VIREO HUTTONI |
| VIOL | RED-EYED VIREO | VIREO OLIVACEUS |
| VISO | SOLITARY VIREO | VIREO SOLITARIUS |
| VUVU | RED FOX | VULPES VULPES |
| VUVUC | CASCADE RED FOX | VULPES VULPES CASCADENSIS |
| VUVUS | LOWLAND RED FOX | VULPES VULPES SUBSPP |
| WICI | HOODED WARBLER | WILSONIA CITRINA |
| WIPU | WILSON'S WARBLER | WILSONIA PUSILLA |
| XAXA | YELLOW-HEADED BLACKBIRD | XANTHOCEPHALUS XANTHOCEPHALUS |
| XESA | SABINE'S GULL | XEMA SABINI |

WDFW SPECIES CODES SORTED BY CODE

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|------------------------|-------------------------|
| ZACA | CALIFORNIA SEA LION | ZALOPHUS CALIFORNIANUS |
| ZAPR | WESTERN JUMPING MOUSE | ZAPUS PRINCEPS |
| ZATR | PACIFIC JUMPING MOUSE | ZAPUS TRINOTATUS |
| ZEAS | WHITE-WINGED DOVE | ZENAIDA ASIATICA |
| ZEMA | MOURNING DOVE | ZENAIDA MACROURA |
| ZICA | GOOSE-BEAKED WHALE | ZIPHIUS CAVIROSTRIS |
| ZOAL | WHITE-THROATED SPARROW | ZONOTRICHIA ALBICOLLIS |
| ZOAT | GOLDEN-CROWNED SPARROW | ZONOTRICHIA ATRICAPILLA |
| ZOLE | WHITE-CROWNED SPARROW | ZONOTRICHIA LEUCOPHRYS |
| ZOQU | HARRIS SPARROW | ZONOTRICHIA QUERULA |
| ZZZZZZ | SENSITIVE INFORMATION | SENSITIVE INFORMATION |

Appendix B. Species Codes Sorted by Common Name

This is a list of all species that occur in Washington State. Please note, that the species code, common name and scientific name are subject to change. The species code is derived from the genus and species to create a unique code for each species. In most cases, if there has been a change, the map and accompanying report will show the most current information. Also see Appendix C. for Special Species Codes and D. for Habitat Codes.

WDFW SPECIES CODES SORTED BY COMMON NAME

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|---------------------------|---------------------------------|
| MEFO | ACORN WOODPECKER | MELANERPES FORMICIVORUS |
| ERAF | AFRANIUS' DUSKYWING | ERYNNIS AFRANIUS |
| BRCAL | ALEUTIAN CANADA GOOSE | BRANTA CANADENSIS LEUCOPAREIA |
| SESA | ALLEN'S HUMMINGBIRD | SELASPHORUS SASIN |
| PYCE | ALPINE CHECKERED SKIPPER | PYRGUS CENTAUREAE LOKI |
| REAM | AMERICAN AVOCET | RECURVIROSTRA AMERICANA |
| BOLE | AMERICAN BITTERN | BOTAURUS LENTIGINOSUS |
| ANRU | AMERICAN BLACK DUCK | ANAS RUBRIPES |
| FUAM | AMERICAN COOT | FULICA AMERICANA |
| COBR | AMERICAN CROW | CORVUS BRACHYRHYNCHOS |
| CIME | AMERICAN DIPPER | CINCLUS MEXICANUS |
| PLDO | AMERICAN GOLDEN-PLOVER | PLUVIALIS DOMINICA |
| CATR | AMERICAN GOLDFINCH | CARDUELIS TRISTIS |
| FASP | AMERICAN KESTREL | FALCO SPARVERIUS |
| CYVI | AMERICAN PAINTED LADY | VANESSA VIRGINIENSIS |
| FAPEA | AMERICAN PEREGRINE FALCON | FALCO PEREGRINUS ANATUM |
| ANRUBE | AMERICAN PIPIT | ANTHUS RUBESCENS |
| SERU | AMERICAN REDSTART | SETOPHAGA RUTICILLA |
| TUMI | AMERICAN ROBIN | TURDUS MIGRATORIUS |
| ALSA | AMERICAN SHAD | ALOSA SAPIDISSIMA |
| SPAR | AMERICAN TREE SPARROW | SPIZELLA ARBOREA |
| PEER | AMERICAN WHITE PELICAN | PELECANUS ERYTHORHYNCHOS |
| ANAAM | AMERICAN WIGEON | ANAS AMERICANA |
| SYAN | ANCIENT MURRELET | SYNTHLIBORAMPHUS ANTIQUUS |
| CAAN | ANNA'S HUMMINGBIRD | CALYPTE ANNA |
| MIRORO | ARBORVITAE HAIRSTREAK | MITOURA ROSNERI ROSNERI |
| THAR | ARCTIC GRAYLING | THYMALLUS ARCTICUS |
| FAPET | ARCTIC PEREGRINE FALCON | FALCO PEREGRINUS TUNDRIUS |
| CAPAMA | ARCTIC SKIPPER | CARTEROCEPHALUS PALAEMON MANDAN |
| STPAR | ARCTIC TERN | STERNA PARADISAEA |
| MYCI | ASH-THROATED FLYCATCHER | MYIARCHUS CINERASCENS |
| BOAS | ASTARTE FRITILLARY | BOLORIA ASTARTE |
| SASA | ATLANTIC SALMON | SALMO SALAR |
| TATA | BADGER | TAXIDEA TAXUS |
| CABA | BAIRD'S SANDPIPER | CALIDRIS BAIRDII |
| HALE | BALD EAGLE | HALIAEETUS LEUCOCEPHALUS |
| COFA | BAND-TAILED PIGEON | COLUMBA FASCIATA |
| RIRI | BANK SWALLOW | RIPARIA RIPARIA |
| LILA | BAR-TAILED GODWIT | LIMOSA LAPPONICA |

WDFW SPECIES CODES SORTED BY COMMON NAME

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|-----------------------------|---------------------------|
| TYAL | BARN OWL | TYTO ALBA |
| HIRU | BARN SWALLOW | HIRUNDO RUSTICA |
| STVA | BARRED OWL | STRIX VARIA |
| BUIS | BARROW'S GOLDENEYE | BUCEPHALA ISLANDICA |
| CASCAN | BEAVER | CASTOR CANADENSIS |
| AGBE | BELLER'S GROUND BEETLE | AGONUM BELLERI |
| CEAL | BELTED KINGFISHER | CERYLE ALCYON |
| MEST | BERING SEA BEAKED WHALE | MESOPLODON STEJNEGERI |
| THBE | BEWICK'S WREN | THRYOMANES BEWICKII |
| EPFU | BIG BROWN BAT | EPTESICUS FUSCUS |
| OVCA | BIGHORN SHEEP | OVIS CANADENSIS |
| URAM | BLACK BEAR | URSUS AMERICANUS |
| ICME | BLACK BULLHEAD | ICTALURUS MELAS |
| PONI | BLACK CRAPPIE | POMOXIS NIGROMACULATUS |
| HABA | BLACK OYSTERCATCHER | HAEMATOPUS BACHMANI |
| RARA | BLACK RAT | RATTUS RATTUS |
| BAGL | BLACK RIGHT WHALE | BALAENA GLACIALIS |
| SEME | BLACK ROCKFISH | SEBASTES MELANOPS |
| MENI | BLACK SCOTER | MELANITTA NIGRA |
| CYNI | BLACK SWIFT | CYPSELOIDES NIGER |
| CHNI | BLACK TERN | CHLIDONIAS NIGER |
| ARME | BLACK TURNSTONE | ARENARIA MELANOCEPHALA |
| MNVA | BLACK-AND-WHITE WARBLER | MNIOTILTA VARIA |
| PIAR | BLACK-BACKED WOODPECKER | PICOIDES ARCTICUS |
| PLSQ | BLACK-BELLIED PLOVER | PLUVIALIS SQUATAROLA |
| COER | BLACK-BILLED CUCKOO | COCCYZUS ERYTHROPTALMUS |
| PIPI | BLACK-BILLED MAGPIE | PICA PICA |
| POAT | BLACK-CAPPED CHICKADEE | POECILE ATRICAPILLUS |
| ARAL | BLACK-CHINNED HUMMINGBIRD | ARCHILOCHUS ALEXANDRI |
| NYNY | BLACK-CROWNED NIGHT-HERON | NYCTICORAX NYCTICORAX |
| PHNI | BLACK-FOOTED ALBATROSS | PHOEBASTRIA NIGRIPES |
| PHME | BLACK-HEADED GROSBEAK | PHEUCTICUS MELANOCEPHALUS |
| RITR | BLACK-LEGGED KITTIWAKE | RISSA TRIDACTYLA |
| HIME | BLACK-NECKED STILT | HIMANTOPUS MEXICANUS |
| LECA | BLACK-TAILED JACK RABBIT | LEPUS CALIFORNICUS |
| DENI | BLACK-THROATED GRAY WARBLER | DENDROICA NIGRESCENS |
| AMBI | BLACK-THROATED SPARROW | AMPHISPIZA BILINEATA |
| DEST | BLACKPOLL WARBLER | DENDROICA STRIATA |
| ICFU | BLUE CATFISH | ICTALURUS FURCATUS |
| DEOB | BLUE GROUSE | DENDRAGAPUS OBSCURUS |
| CYCR | BLUE JAY | CYANOCITTA CRISTATA |
| BAMU | BLUE WHALE | BALAENOPTERA MUSCULUS |
| SUNE | BLUE-FOOTED BOOBY | SULA NEBOUXII |
| POLCA | BLUE-GRAY GNATCATCHER | POLIOPTILA CAERULEA |
| ANDI | BLUE-WINGED TEAL | ANAS DISCORS |
| LEMA | BLUEGILL | LEPOMIS MACROCHIRUS |
| LYRU | BOBCAT | LYNX RUFUS |
| DOOR | BOBOLINK | DOLICHONYX ORYZIVORUS |

WDFW SPECIES CODES SORTED BY COMMON NAME

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|----------------------------------|---------------------------------|
| SEPA | BOCACCIO ROCKFISH | SEBASTES PAUCISPINIS |
| BOGA | BOHEMIAN WAXWING | BOMBYCILLA GARRULUS |
| LAPH | BONAPARTE'S GULL | LARUS PHILADELPHIA |
| OCSYBO | BONNEVILLE SKIPPER | OCHLODES SYLVANOIDES BONNEVILLA |
| POHU | BOREAL CHICKADEE | POECILE HUDSONICUS |
| AEFU | BOREAL OWL | AEGOLIUS FUNEREUS |
| CADUDU | BRAMBLE GREEN HAIRSTREAK | CALLOPHRYS DUMETORUM DUMETORUM |
| CEAREC | BRANDED AZURES | CELASTRINA ARGIOLUS ECHO |
| PHPEN | BRANDT'S CORMORANT | PHALACROCORAX PENICILLATUS |
| BRBE | BRANT | BRANTA BERNICLA |
| EUCY | BREWER'S BLACKBIRD | EUPHAGUS CYANOCEPHALUS |
| SPBR | BREWER'S SPARROW | SPIZELLA BREWERI |
| CACO | BRIDGELIP SUCKER | CATOSTOMUS COLUMBIANUS |
| SCLA | BROAD-FOOTED MOLE | SCAPANUS LATIMANUS |
| BUPL | BROAD-WINGED HAWK | BUTEO PLATYPTERUS |
| SAFO | BROOK TROUT | SALVELINUS FONTINALIS |
| ICNE | BROWN BULLHEAD | ICTALURUS NEBULOSUS |
| CEAM | BROWN CREEPER | CERTHIA AMERICANA |
| PEOC | BROWN PELICAN | PELECANUS OCCIDENTALIS |
| SEAU | BROWN ROCKFISH | SEBASTES AURICULATUS |
| SATR | BROWN TROUT | SALMO TRUTTA |
| MOAT | BROWN-HEADED COWBIRD | MOLOTHRUS ATER |
| THTAD | BRUSH PRAIRIE POCKET GOPHER | THOMOMYS TALPOIDES DOUGLASI |
| TRSU | BUFF-BREASTED SANDPIPER | TRYNGITES SUBRUFICOLLIS |
| BUAL | BUFFLEHEAD | BUCEPHALA ALBEOLA |
| SACO | BULL TROUT | SALVELINUS CONFLUENTUS |
| SACOPS | BULL TROUT (COASTAL/PUGET SOUND) | SALVELINUS CONFLUENTUS |
| SACOCB | BULL TROUT (COLUMBIA BASIN) | SALVELINUS CONFLUENTUS |
| PUBU | BULLER'S SHEARWATER | PUFFINUS BULLERI |
| RACAT | BULLFROG | RANA CATESBEIANA |
| LOLO | BURBOT | LOTA LOTA |
| ATCU | BURROWING OWL | ATHENE CUNICULARIA |
| PSMI | BUSHTIT | PSALTRIPARUS MINIMUS |
| NECI | BUSHY-TAILED WOODRAT | NEOTOMA CINEREA |
| BRCAMI | CAACKLING CANADA GOOSE | BRANTA CANADENSIS MINIMA |
| OVCACAL | CALIFORNIA BIGHORN SHEEP | OVIS CANADENSIS CALIFORNIANA |
| ANCA | CALIFORNIA FLOATER | ANODONTA CALIFORNIENSIS |
| SPBEE | CALIFORNIA GROUND SQUIRREL | SPERMOPHILUS BEECHEYI |
| LACAL | CALIFORNIA GULL | LARUS CALIFORNICUS |
| LAZO | CALIFORNIA MOUNTAIN KINGSNAKE | LAMPROPELTIS ZONATA |
| MYOCA | CALIFORNIA MYOTIS | MYOTIS CALIFORNICUS |
| CACAL | CALIFORNIA QUAIL | CALLIPEPLA CALIFORNICA |
| ZACA | CALIFORNIA SEA LION | ZALOPHUS CALIFORNIANUS |
| ADBR | CALIFORNIA SISTER | ADELPHA BREDOWII CALIFORNICA |
| STELCA | CALLIOPE HUMMINGBIRD | STELLULA CALLIOPE |
| BRCA | CANADA GOOSE | BRANTA CANADENSIS |
| SEPI | CANARY ROCKFISH | SEBASTES PINNIGER |
| AYVA | CANVASBACK | AYTHYA VALISINERIA |

WDFW SPECIES CODES SORTED BY COMMON NAME

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|--|-----------------------------------|
| CASHNE | CANYON GREEN HAIRSTREAK | CALLOPHRYS SHERIDANII NEOPERPLEXA |
| CATME | CANYON WREN | CATHERPES MEXICANUS |
| DETI | CAPE MAY WARBLER | DENDROICA TIGRINA |
| CYCA | CARP | CYPRINUS CARPIO |
| SPSA | CASCADE GOLDEN-MANTLED GROUND SQUIRREL | SPERMOPHILUS SATURATUS |
| VUVUC | CASCADE RED FOX | VULPES VULPES CASCADENSIS |
| RHCAS | CASCADE TORRENT SALAMANDER | RHYACOTRITON CASCADAE |
| RANCA | CASCADES FROG | RANA CASCADAE |
| STCA | CASPIAN TERN | STERNA CASPIA |
| PTAL | CASSIN'S AUKLET | PTYCHORAMPHUS ALEUTICUS |
| CACAS | CASSIN'S FINCH | CARPODACUS CASSINII |
| THMAL | CATHLAMET POCKET GOPHER | THOMOMYS MAZAMA LOUIEI |
| BUIB | CATTLE EGRET | BUBULCUS IBIS |
| BOCE | CEDAR WAXWING | BOMBYCILLA CEDRORUM |
| ICPU | CHANNEL CATFISH | ICTALURUS PUNCTATUS |
| PIPR | CHECKERED WHITE | PIERIS (PONTIA) PROTODICE |
| PORU | CHESTNUT-BACKED CHICKADEE | POECILE RUFESCENS |
| CAOR | CHESTNUT-COLLARED LONGSPUR | CALCARIUS ORNATUS |
| DEPEN | CHESTNUT-SIDED WARBLER | DENDROICA PENNSYLVANICA |
| SENEB | CHINA ROCKFISH | SEBASTES NEBULOSUS |
| ONTS | CHINOOK SALMON | ONCORHYNCHUS TSHAWYTSCHA |
| ONTSLC | CHINOOK SALMON (LOWER COLUMBIA) | ONCORHYNCHUS TSHAWYTSCHA |
| ONTSPS | CHINOOK SALMON (PUGET SOUND) | ONCORHYNCHUS TSHAWYTSCHA |
| ONTSSNF | CHINOOK SALMON (SNAKE R. FALL) | ONCORHYNCHUS TSHAWYTSCHA |
| ONTSSNS | CHINOOK SALMON (SNAKE R. SP/SU) | ONCORHYNCHUS TSHAWYTSCHA |
| ONTSUCS | CHINOOK SALMON (UPPER COLUMBIA SP) | ONCORHYNCHUS TSHAWYTSCHA |
| HAGR | CHINQUAPIN HAIRSTREAK | HABRODAIS GRUNUS HERRI |
| SPPA | CHIPPING SPARROW | SPIZELLA PASSERINA |
| ACAL | CHISELMOUTH | ACROCHEILUS ALUTACEUS |
| OEHC | CHRYXUS ARCTIC | OENEIS CHRYXUS CHRYXUS |
| ALCH | CHUKAR | ALECTORIS CHUKAR |
| ONKE | CHUM SALMON | ONCORHYNCHUS KETA |
| ONKEHCS | CHUM SALMON (HOOD CANAL SU) | ONCORHYNCHUS KETA |
| ONKELC | CHUM SALMON (LOWER COLUMBIA) | ONCORHYNCHUS KETA |
| ANCY | CINNAMON TEAL | ANAS CYANOPTERA |
| AECL | CLARK'S GREBE | AECHMOPHORUS CLARKII |
| NUCO | CLARK'S NUTCRACKER | NUCIFRAGA COLUMBIANA |
| SPPAL | CLAY-COLORED SPARROW | SPIZELLA PALLIDA |
| HIPY | CLIFF SWALLOW | HIRUNDO PYRRHONOTA |
| SCOR | COAST MOLE | SCAPANUS ORARIUS |
| ONCLCL | COASTAL CUTTHROAT | ONCORHYNCHUS CLARKI CLARKI |
| OCSYOR | COASTAL WOODLAND SKIPPER | OCHLODES SYLVANOIDES ORECOASTA |
| COAL | COASTRANGE SCULPIN | COTTUS ALEUTICUS |
| ONKI | COHO SALMON | ONCORHYNCHUS KISUTCH |
| ONKILCO | COHO SALMON (LOWER COLUMBIA/SW WA) | ONCORHYNCHUS KISUTCH |
| ONKIOLP | COHO SALMON (OLYMPIC PENINSULA) | ONCORHYNCHUS KISUTCH |
| ONKIPUS | COHO SALMON (PUGET SOUND) | ONCORHYNCHUS KISUTCH |
| CICO | COLUMBIA RIVER TIGER BEETLE | CICINDELA COLUMBICA |

WDFW SPECIES CODES SORTED BY COMMON NAME

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|-----------------------------|---------------------------------|
| COHU | COLUMBIA SCULPIN | COTTUS HUBBSI |
| RALU | COLUMBIA SPOTTED FROG | RANA LUTEIVENTRIS |
| RHKE | COLUMBIA TORRENT SALAMANDER | RHYACOTRITON KEZERI |
| ODHEC | COLUMBIAN BLACK-TAILED DEER | ODOCOILEUS HEMIONUS COLUMBIANUS |
| SPCO | COLUMBIAN GROUND SQUIRREL | SPERMOPHILUS COLUMBIANUS |
| ODVIL | COLUMBIAN WHITE-TAILED DEER | ODOCOILEUS VIRGINIANUS LEUCURUS |
| THSI | COMMON GARTER SNAKE | THAMNOPHIS SIRTALIS |
| BUCL | COMMON GOLDENEYE | BUCEPHALA CLANGULA |
| QUQU | COMMON GRACKLE | QUISCALUS QUISCULA |
| GAIM | COMMON LOON | GAVIA IMMER |
| MERME | COMMON MERGANSER | MERGUS MERGANSER |
| URAA | COMMON MURRE | URIA AALGE |
| CHMI | COMMON NIGHTHAWK | CHORDEILES MINOR |
| PHNU | COMMON POORWILL | PHALAENOPTILUS NUTTALLII |
| COCOR | COMMON RAVEN | CORVUS CORAX |
| CAFL | COMMON REDPOLL | CARDUELIS FLAMMEA |
| GAGA | COMMON SNIPE | GALLINAGO GALLINAGO |
| STHI | COMMON TERN | STERNA HIRUNDO |
| GETR | COMMON YELLOWTHROAT | GEOTHLYPIS TRICHAS |
| NYVA | COMPTON TORTOISESHELL | NYMPHALIS VAU-ALBUM WATSONI |
| ACCO | COOPER'S HAWK | ACCIPITER COOPERII |
| DICO | COPE'S GIANT SALAMANDER | DICAMPTODON COPEI |
| SECA | COPPER ROCKFISH | SEBASTES CAURINUS |
| HATI | CORAL HAIRSTREAK | HARKENCLONUS TITUS IMMACULOSUS |
| EMOC | CORDILLERAN FLYCATCHER | EMPIDONAX OCCIDENTALIS |
| CALAT | COYOTE | CANIS LATRANS |
| MIOR | CREEPING VOLE | MICROTUS OREGONI |
| CALFE | CURLEW SANDPIPER | CALIDRIS FERRUGINEA |
| ONCL | CUTTHROAT | ONCORHYNCHUS CLARKI |
| PHDA | DALL'S PORPOISE | PHOCOENOIDES DALLI |
| JUHY | DARK-EYED JUNCO | JUNCO HYEMALIS |
| PEMA | DEER MOUSE | PEROMYSCUS MANICULATUS |
| SOTROD | DESTRUCTION ISLAND SHREW | SOREX TROWBRIDGII DESTRUCTIONI |
| SAMA | DOLLY VARDEN | SALVELINUS MALMA |
| PHAU | DOUBLE-CRESTED CORMORANT | PHALACROCORAX AURITUS |
| TADO | DOUGLAS' SQUIRREL | TAMIASCIURUS DOUGLASII |
| PIPU | DOWNY WOODPECKER | PICOIDES PUBESCENS |
| ERIC | DREAMY DUSKYWING | ERYNNIS ICELUS |
| EUVE | DUN SKIPPER | EUPHYES VESTRIS VESTRIS |
| CAALP | DUNLIN | CALIDRIS ALPINA |
| PLDU | DUNN'S SALAMANDER | PLETHODON DUNNI |
| BRCAO | DUSKY CANADA GOOSE | BRANTA CANADENSIS OCCIDENTALIS |
| EMOB | DUSKY FLYCATCHER | EMPIDONAX OBERHOLSERI |
| SOMO | DUSKY SHREW | SOREX MONTICOLUS |
| NEFU | DUSKY-FOOTED WOODRAT | NEOTOMA FUSCIPES |
| PODNI | EARED GREBE | PODICEPS NIGRICOLLIS |
| SYFL | EASTERN COTTONTAIL | SYLVILAGUS FLORIDANUS |
| TYTY | EASTERN KINGBIRD | TYRANNUS TYRANNUS |

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|-------------|--------------------------------|-------------------------------|
| EVCOCO | EASTERN TAILED BLUE | EVERES COMYNTAS COMYNTAS |
| PAGL | EASTERN TIGER SWALLOWTAIL | PAPILIO GLAUCUS CANADENSIS |
| MEGASI | EASTERN WILD TURKEY | MELEAGRIS GALLOPAVO SILVESTRI |
| LYED | EDITH'S COPPER | LYCAENA EDITHA EDITHA |
| SPEG | EGLEIS FRITILLARY | SPEYERIA EGLEIS OWENI |
| SPEGM | EGLEIS FRITILLARY | SPEYERIA EGLEIS MCDUNNOUGH |
| CEEL | ELK | CERVUS ELAPHUS |
| CHCAN | EMPEROR GOOSE | CHEN CANAGICA |
| ENES | ENSATINA | ENSATINA ESCHSCHOLTZII |
| MUER | ERMINE | MUSTELA ERMINEA |
| THPA | EULACHON | THALEICHTHYS PACIFICUS |
| EUMO | EURASIAN DOTTEREL | CHARADRIUS MORINELLUS |
| ALAR | EURASIAN SKYLARK | ALAUDA ARVENSIS |
| ANPE | EURASIAN WIGEON | ANAS PENELOPE |
| ORCU | EUROPEAN RABBIT | ORYCTOLAGUS CUNICULUS |
| STVU | EUROPEAN STARLING | STURNUS VULGARIS |
| COVE | EVENING GROSBEAK | COCCOTHAUSTES VESPERTINUS |
| PSCR | FALSE KILLER WHALE | PSEUDORCA CRASSIDENS |
| SOFE | FENDER'S SOLIPERLAN STONEFLY | SOLIPERLA FENDERI |
| BURE | FERRUGINOUS HAWK | BUTEO REGALIS |
| BAPH | FIN WHALE | BALAENOPTERA PHYSALUS |
| MAPE | FISHER | MARTES PENNANTI |
| OTFL | FLAMMULATED OWL | OTUS FLAMMEOLUS |
| PYOL | FLATHEAD CATFISH | PYLODICTIS OLIVARIS |
| PUCA | FLESH-FOOTED SHEARWATER | PUFFINUS CARNEIPES |
| OCFU | FORK-TAILED STORM-PETREL | OCEANODROMA FURCATA |
| STFO | FORSTER'S TERN | STERNA FORSTERI |
| PAIL | FOX SPARROW | PASSERELLA ILIACA |
| SCNI | FOX SQUIRREL | SCIURUS NIGER |
| LAPI | FRANKLIN'S GULL | LARUS PIPIXCAN |
| BOFR | FREYA'S FRITILLARY | BOLORIA FREIJA FREIJA |
| MYTH | FRINGED MYOTIS | MYOTIS THYSANODES |
| DEBI | FULVOUS WHISTLING DUCK | DENDROCYGNA BICOLOR |
| ANST | GADWALL | ANAS STREPERA |
| OAGA | GARITA SKIPPERLING | OARISMA GARITA |
| FINU | GIANT COLUMBIA RIVER LIMPET | FISHEROLA NUTTALLI |
| LICO | GIANT COLUMBIA SPIRE SNAIL | FLUMINICOLA COLUMBIANA |
| LAHY | GLAUCOUS GULL | LARUS HYPERBOREUS |
| LAGL | GLAUCOUS-WINGED GULL | LARUS GLAUCESCENS |
| AQCH | GOLDEN EAGLE | AQUILA CHRYSAETOS |
| SAAG | GOLDEN TROUT | SALMO AGUABONITA |
| RESA | GOLDEN-CROWNED KINGLET | REGULUS SATRAPA |
| ZOAT | GOLDEN-CROWNED SPARROW | ZONOTRICHIA ATRICAPILLA |
| SPLA | GOLDEN-MANTLED GROUND SQUIRREL | SPERMOPHILUS LATERALIS |
| CAAU | GOLDFISH | CARASSIUS AURATUS |
| ZICA | GOOSE-BEAKED WHALE | ZIPHIUS CAVIROSTRIS |
| PICA | GOPHER SNAKE | PITUOPHIS CATENIFER |
| ESAN | GRASS PICKEREL | ESOX AMERICANUS |

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|-------------|-----------------------------|---------------------------|
| AMSA | GRASSHOPPER SPARROW | AMMODRAMUS SAVANNARUM |
| DUCA | GRAY CATBIRD | DUMETELLA CAROLINENSIS |
| EMWR | GRAY FLYCATCHER | EMPIDONAX WRIGHTII |
| URCI | GRAY FOX | UROCYON CINEREOARGENTUS |
| PECA | GRAY JAY | PERISOREUS CANADENSIS |
| PEPE | GRAY PARTRIDGE | PERDIX PERDIX |
| SCCA | GRAY SQUIRREL | SCIURUS CAROLINENSIS |
| ESRO | GRAY WHALE | ESCHRICHTIUS ROBUSTUS |
| CALU | GRAY WOLF | CANIS LUPUS |
| LETE | GRAY-CROWNED ROSY-FINCH | LEUCOSTICTE TEPHROCOTIS |
| MICA | GRAY-TAILED VOLE | MICROTUS CANICAUDUS |
| OENEGI | GREAT ARCTIC | OENEIS NEVADENSIS GIGAS |
| PEPA | GREAT BASIN POCKET MOUSE | PEROGNATHUS PARVUS |
| SPIN | GREAT BASIN SPADEFOOT | SPEA INTERMONTANA |
| ARHE | GREAT BLUE HERON | ARDEA HERODIAS |
| ARALB | GREAT EGRET | ARDEA ALBA |
| STNE | GREAT GRAY OWL | STRIX NEBULOSA |
| BUVI | GREAT HORNED OWL | BUBO VIRGINIANUS |
| AYMA | GREATER SCAUP | AYTHYA MARILA |
| ANAL | GREATER WHITE-FRONTED GOOSE | ANSER ALBIFRONS |
| TRME | GREATER YELLOWLEGS | TRINGA MELANOLEUCA |
| RACL | GREEN FROG | RANA CLAMITANS |
| BUVIRE | GREEN HERON | BUTORIDES VIRESCENS |
| CLMY | GREEN SEA TURTLE | CHELONIA MYDAS |
| ACME | GREEN STURGEON | ACIPENSER MEDIROSTRIS |
| LECY | GREEN SUNFISH | LEPOMIS CYANELLUS |
| PICH | GREEN-TAILED TOWHEE | PIPILO CHLORURUS |
| ANCR | GREEN-WINGED TEAL | ANAS CRECCA |
| SEEL | GREENSTRIPED ROCKFISH | SEBASTES ELONGATUS |
| URAR | GRIZZLY BEAR | URSUS ARCTOS |
| FARU | GYRFALCON | FALCO RUSTICOLUS |
| PIVI | HAIRY WOODPECKER | PICOIDES VILLOSUS |
| EMHA | HAMMOND'S FLYCATCHER | EMPIDONAX HAMMONDII |
| PHVI | HARBOR SEAL | PHOCA VITULINA |
| HIHI | HARLEQUIN DUCK | HISTRIONICUS HISTRIONICUS |
| ZOQU | HARRIS' SPARROW | ZONOTRICHIA QUERULA |
| EAHA | HATCH'S CLICK BEETLE | EANUS HATCHII |
| PHIN | HEATHER VOLE | PHENACOMYS INTERMEDIUS |
| LAHE | HEERMANN'S GULL | LARUS HEERMANNI |
| CAGU | HERMIT THRUSH | CATHARUS GUTTATUS |
| DEOC | HERMIT WARBLER | DENDROICA OCCIDENTALIS |
| LAAR | HERRING GULL | LARUS ARGENTATUS |
| PLAQ | HIGH MOUNTAIN BLUE | AGRIADES GLANDON MEGALO |
| LACI | HOARY BAT | LASIURUS CINEREUS |
| INPO | HOARY ELFIN | INCISALIA POLIA OBSCURA |
| MACA | HOARY MARMOT | MARMOTA CALIGATA |
| LOCUC | HOODED MERGANSER | LOPHODYTES CUCULLATUS |
| WICI | HOODED WARBLER | WILSONIA CITRINA |

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|-------------|------------------------------|----------------------------------|
| POAU | HORNED GREBE | PODICEPS AURITUS |
| ERAL | HORNED LARK | EREMOPHILA ALPESTRIS |
| FRCO | HORNED PUFFIN | FRATERCULA CORNICULATA |
| CARME | HOUSE FINCH | CARPODACUS MEXICANUS |
| MUMU | HOUSE MOUSE | MUS MUSCULUS |
| PADO | HOUSE SPARROW | PASSER DOMESTICUS |
| TRAE | HOUSE WREN | TROGLODYTES AEDON |
| LIHA | HUDSONIAN GODWIT | LIMOSA HAEMASTICA |
| MENO | HUMPBACK WHALE | MEGAPTERA NOVAEANGLIAE |
| VIHU | HUTTON'S VIREO | VIREO HUTTONI |
| SPHYRH | HYDASPE FRITILLARY | SPEYERIA HYDASPE RHODOPE |
| CAAF | IMMACULATE GREEN HAIRSTREAK | CALLOPHRYS AFFINUS AFFINIS |
| PACY | INDIGO BUNTING | PASSERINA CYANEA |
| EUAUI | ISLAND MARBLE | EUCHLOE AUSONIDES INSULANUS |
| COINS | ISLAND OCHRE RINGLET | COENONYMPHA "TULLIA" INSULANA |
| PAEB | IVORY GULL | PAGOPHILA EBURNEA |
| LESP | JACK RABBIT | LEPUS SPP |
| MIJO | JOHNSON'S HAIRSTREAK | MITOURA JOHNSONI |
| HEJU | JUBA SKIPPER | HESPERIA JUBA |
| MISI | JUNIPER HAIRSTREAK | MITOURA GRYNEA BARRYI |
| MYKE | KEEN'S MYOTIS | MYOTIS KEENII |
| CHVO | KILLDEER | CHARADRIUS VOCIFERUS |
| OROR | KILLER WHALE | ORCINUS ORCA |
| MIPEK | KINCAID'S MEADOW VOLE | MICROTUS PENNSYLVANICUS KINCAIDI |
| EUVEKI | KIOWA SKIPPER | EUPHYES VESTRIS KIOWA |
| BRBR | KITTLITZ'S MURRELET | BRACHYRAMPHUS BREVIROSTRIS |
| ONNELAN | KOKANEE (LANDLOCKED SOCKEYE) | ONCORHYNCHUS NERKA |
| CONA | LABRADOR SULPHUR | COLIAS NASTES STRECKERI |
| COPL | LAKE CHUB | COUESIUS PLUMBEUS |
| SANA | LAKE TROUT | SALVELINUS NAMAYCUSH |
| COCL | LAKE WHITEFISH | COREGONUS CLUPEAFORMIS |
| CALA | LAPLAND LONGSPUR | CALCARIUS LAPPONICUS |
| PLLA | LARCH MOUNTAIN SALAMANDER | PLETHODON LARSELLI |
| MISA | LARGEMOUTH BASS | MICROPTERUS SALMOIDES |
| CAMA | LARGESCALE SUCKER | CATOSTOMUS MACROCHEILUS |
| CAME | LARK BUNTING | CALAMOSPIZA MELANOCORYS |
| CHGR | LARK SPARROW | CHONDESTES GRAMMACUS |
| LAAT | LAUGHING GULL | LARUS ATRICILLA |
| PHIM | LAYSAN ALBATROSS | PHOEBASTRIA IMMATABILIS |
| PAAMO | LAZULI BUNTING | PASSERINA AMOENA |
| OCLE | LEACH'S STORM-PETREL | OCEANODROMA LEUCORHOA |
| TAMI | LEAST CHIPMUNK | TAMIAS MINIMUS |
| EMMI | LEAST FLYCATCHER | EMPIDONAX MINIMUS |
| CAMI | LEAST SANDPIPER | CALIDRIS MINUTILLA |
| STAN | LEAST TERN | STERNA ANTILLARUM |
| DECO | LEATHERBACK SEA TURTLE | DERMOCHELYS CORIACEA |
| AMLE | LECONTE'S SPARROW | AMMOSPIZA LECONTEII |
| RHFA | LEOPARD DACE | RHINICHTHYS FALCATUS |

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|-------------|-------------------------------------|--------------------------------|
| CAPS | LESSER GOLDFINCH | CARDUELIS PSALTRIA |
| AYAF | LESSER SCAUP | AYTHYA AFFINIS |
| TRFL | LESSER YELLOWLEGS | TRINGA FLAVIPES |
| MELE | LEWIS' WOODPECKER | MELANERPES LEWIS |
| MELI | LINCOLN'S SPARROW | MELOSPIZA LINCOLNII |
| EGCA | LITTLE BLUE HERON | EGRETTA CAERULEA |
| MYLU | LITTLE BROWN MYOTIS | MYOTIS LUCIFUGUS |
| LAMI | LITTLE GULL | LARUS MINUTUS |
| CACAR | LOGGERHEAD SEA TURTLE | CARETTA CARETTA |
| LALU | LOGGERHEAD SHRIKE | LANIUS LUDOVICIANUS |
| NUAM | LONG-BILLED CURLEW | NUMENIUS AMERICANUS |
| LISC | LONG-BILLED DOWITCHER | LIMNODROMUS SCOLOPACEUS |
| POMY | LONG-DASH SKIPPER | POLITES MYSTIC SSP. |
| MYEV | LONG-EARED MYOTIS | MYOTIS EVOTIS |
| ASOT | LONG-EARED OWL | ASIO OTUS |
| DOID | LONG-HORNED LEAF BEETLE | DONACIA IDOLA |
| MYVO | LONG-LEGGED MYOTIS | MYOTIS VOLANS |
| PEOR | LONG-TAILED DEER MOUSE | PEROMYSCUS OREAS |
| CLHY | LONG-TAILED DUCK | CLANGULA HYEMALIS |
| STLO | LONG-TAILED JAEGER | STERCORARIUS LONGICAUDUS |
| MILO | LONG-TAILED VOLE | MICROTUS LONGICAUDUS |
| MUFR | LONG-TAILED WEASEL | MUSTELA FRENATA |
| AMMA | LONG-TOED SALAMANDER | AMBYSTOMA MACRODACTYLUM |
| SPTH | LONGFIN SMELT | SPIRINCHUS THALEICHTHYS |
| RHCA | LONGNOSE DACE | RHINICHTHYS CATARACTAE |
| CACA | LONGNOSE SUCKER | CATOSTOMUS CATOSTOMUS |
| VUVUS | LOWLAND RED FOX | VULPES VULPES SUBSPP |
| LYCU | LUSTROUS COPPER | LYCAENA CUPREA HENRYAE |
| GOLY | LYNN'S CLUBTAIL | GOMPHUS LYNNAE |
| LYCA | LYNX | LYNX CANADENSIS |
| OPTO | MACGILLIVRAY'S WARBLER | OPORORNIS TOLMIEI |
| FRMA | MAGNIFICENT FRIGATEBIRD | FREGATA MAGNIFICENS |
| LYMACH | MAKAH (QUEEN CHARLOTTE) COPPER | LYCAENA MARIPOSA CHARLOTTENSIS |
| ANPL | MALLARD | ANAS PLATYRHYNCHOS |
| SCMA | MANN'S MOLLUSK-EATING GROUND BEETLE | SCAPHINOTUS MANNII |
| LIFE | MARBLED GODWIT | LIMOSA FEDOA |
| BRMA | MARBLED MURRELET | BRACHYRAMPHUS MARMORATUS |
| POMA | MARDON SKIPPER | POLITES MARDON |
| COMA | MARGINED SCULPIN | COTTUS MARGINATUS |
| CIPA | MARSH WREN | CISTOTHORUS PALUSTRIS |
| MAAM | MARTEN | MARTES AMERICANA |
| SOCI | MASKED SHREW | SOREX CINEREUS |
| THMA | MAZAMA (WESTERN) POCKET GOPHER | THOMOMYS MAZAMA |
| PLHY | MCKAY'S BUNTING | PLECTROPHENAX HYPERBOREUS |
| BOBE | MEADOW FRITILLARY | BOLORIA BELLONA SSP. |
| MIPE | MEADOW VOLE | MICROTUS PENNSYLVANICUS |
| OEME | MELISSA ARCTIC | OENEIS MELISSA BEANII |
| FACO | MERLIN | FALCO COLUMBARIUS |

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|-------------|----------------------------------|-------------------------------|
| SOME | MERRIAM'S SHREW | SOREX MERRIAM |
| MEGAME | MERRIAM'S WILD TURKEY | MELEAGRIS GALLOPAVO MERRIAM |
| LARCAN | MEW GULL | LARUS CANUS |
| MUVI | MINK | MUSTELA VISON |
| BAAC | MINKE WHALE | BALAENOPTERA ACUTOROSTRATA |
| MIMO | MONTANE VOLE | MICROTUS MONTANUS |
| MECA | MOORE'S BEAKED WHALE | MESOPLODON CARLHUBSI |
| ALAL | MOOSE | ALCES ALCES |
| GAAF | MOSQUITOFISH | GAMBUSIA AFFINIS |
| INMOMO | MOSS ELFIN | INCISALIA MOSSII MOSSII |
| PTIN | MOTTLED PETREL | PTERODROMA INEXPECTATA |
| COBA | MOTTLED SCULPIN | COTTUS BAIRDI |
| APRU | MOUNTAIN BEAVER | APLODONTIA RUFA |
| SICU | MOUNTAIN BLUEBIRD | SIALIA CURRUCOIDES |
| POGA | MOUNTAIN CHICKADEE | POECILE GAMBELI |
| ORAM | MOUNTAIN GOAT | OREAMNOS AMERICANUS |
| FECO | MOUNTAIN LION | FELIS CONCOLOR |
| CHMO | MOUNTAIN PLOVER | CHARADRIUS MONTANUS |
| ORPI | MOUNTAIN QUAIL | OREORTYX PICTUS |
| CAPL | MOUNTAIN SUCKER | CATOSTOMUS PLATYRHYNCHUS |
| PRWI | MOUNTAIN WHITEFISH | PROSOPIUM WILLIAMSONI |
| ZEMA | MOURNING DOVE | ZENAIDA MACROURA |
| ODHE | MULE AND BLACK-TAILED DEER | ODOCOILEUS HEMIONUS |
| ODHEH | MULE DEER | ODOCOILEUS HEMIONUS HEMIONUS |
| ONZI | MUSKRAT | ONDATRA ZIBETHICUS |
| VERU | NASHVILLE WARBLER | VERMIVORA RUFICAPILLA |
| HENE | NEVADA SKIPPER | HESPERIA NEVADA |
| LIAR | NEVADA VICEROY | LIMENITIS ARCHIPPUS LAHONTANI |
| ALNE | NEWCOMB'S LITTORINE SNAIL | ALGAMORDA SUBROTUNDATA |
| HYTO | NIGHT SNAKE | HYPISIGLENA TORQUATA |
| NNGFSH | NO NATIVE NONGAME FISH FOUND | NO NATIVE NONGAME FISH FOUND |
| RHCASS | NOOKSACK DACE | RHINICHTHYS CATARACTAE SSP. |
| BEBA | NORTH PACIFIC BOTTLE-NOSED WHALE | BERARDIUS BAIRDII |
| HAKA | NORTHERN ABALONE | HALIOTIS KAMTSCHATKANA |
| ELCO | NORTHERN ALLIGATOR LIZARD | ELGARIA COERULEA |
| COVI | NORTHERN BOBWHITE | COLINUS VIRGINIANUS |
| SYBO | NORTHERN BOG LEMMING | SYNAPTOMYS BOREALIS |
| CHPAPA | NORTHERN CHECKERSPOT | CHLOSYPNE PALLA PALLA |
| THPY | NORTHERN CLOUDY WING | THORYBES PYLADES |
| MIAN | NORTHERN ELEPHANT SEAL | MIROUNGA ANGUSTIROSTRIS |
| COAU | NORTHERN FLICKER | COLAPTES AURATUS |
| GLSA | NORTHERN FLYING SQUIRREL | GLAUCOMYS SABRINUS |
| FUGL | NORTHERN FULMAR | FULMAREUS GLACIALIS |
| CAUR | NORTHERN FUR SEAL | CALLORHINUS URSINUS |
| ACGE | NORTHERN GOSHAWK | ACCIPITER GENTILIS |
| ONLE | NORTHERN GRASSHOPPER MOUSE | ONYCHOMYS LEUCOGASTER |
| CICY | NORTHERN HARRIER | CIRCUS CYANEUS |
| SUUL | NORTHERN HAWK OWL | SURNIA ULULA |

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|-------------|---------------------------------|---|
| RAPI | NORTHERN LEOPARD FROG | <i>RANA PIPIENS</i> |
| MIPO | NORTHERN MOCKINGBIRD | <i>MIMUS POLYGLOTTOS</i> |
| ICGA | NORTHERN ORIOLE | <i>ICTERUS GALBULA</i> |
| PAAM | NORTHERN PARULA | <i>PARULA AMERICANA</i> |
| ESLU | NORTHERN PIKE | <i>ESOX LUCIUS</i> |
| PTOR | NORTHERN PIKEMINNOW | <i>PTYCHOCHEILUS OREGONENSIS</i> |
| ANAC | NORTHERN PINTAIL | <i>ANAS ACUTA</i> |
| THTA | NORTHERN POCKET GOPHER | <i>THOMOMYS TALPOIDES</i> |
| GLGN | NORTHERN PYGMY-OWL | <i>GLAUCIDIUM GNOMA</i> |
| LIBO | NORTHERN RIGHT-WHALE DOLPHIN | <i>LISSODELPHIS BOREALIS</i> |
| STSE | NORTHERN ROUGH-WINGED SWALLOW | <i>STELGIDOPTERYX SERRIPENNIS</i> |
| AEAC | NORTHERN SAW-WHET OWL | <i>AEGOLIUS ACADICUS</i> |
| ANCL | NORTHERN SHOVELER | <i>ANAS CLYPEATA</i> |
| LAEX | NORTHERN SHRIKE | <i>LANIUS EXCUBITOR</i> |
| SENO | NORTHERN WATERTHRUSH | <i>SEIURUS NOVEBORACENSIS</i> |
| ODVIO | NORTHWEST WHITE-TAILED DEER | <i>ODOCOILEUS VIRGINIANUS OCHROURUS</i> |
| COCA | NORTHWESTERN CROW | <i>CORVUS CAURINUS</i> |
| THOR | NORTHWESTERN GARTER SNAKE | <i>THAMNOPHIS ORDINOIDES</i> |
| AMGR | NORTHWESTERN SALAMANDER | <i>AMBYSTOMA GRACILE</i> |
| RANO | NORWAY RAT | <i>RATTUS NORVEGICUS</i> |
| MYCO | NUTRIA | <i>MYOCASTOR COYPUS</i> |
| SYNU | NUTTALL'S COTTONTAIL | <i>SYLVILAGUS NUTTALLII</i> |
| COBO | OLIVE-SIDED FLYCATCHER | <i>CONTOPUS BOREALIS</i> |
| OSLU | OLYMPIA OYSTER | <i>OSTREA LURIDA</i> |
| MAOL | OLYMPIC MARMOT | <i>MARMOTA OLYMPUS</i> |
| NOHU | OLYMPIC MUDMINNOW | <i>NOVUMBRA HUBBSI</i> |
| THMAME | OLYMPIC POCKET GOPHER | <i>THOMOMYS MAZAMA MELANOPS</i> |
| RHOL | OLYMPIC TORRENT SALAMANDER | <i>RHYACOTRITON OLYMPICUS</i> |
| VECE | ORANGE-CROWNED WARBLER | <i>VERMIVORA CELATA</i> |
| DIOR | ORD'S KANGAROO RAT | <i>DIPODOMYS ORDII</i> |
| POOR | OREAS ANGLEWING | <i>POLYGONIA OREAS</i> |
| HECOOR | OREGON BRANDED SKIPPER | <i>HESPERIA COMMA OREGONIA</i> |
| ANOR | OREGON FLOATER | <i>ANODONTA OREGONENSIS</i> |
| CADUOR | OREGON GREEN HAIRSTREAK | <i>CALLOPHRYS DUMETORUM OREGONENSIS</i> |
| SPZEHI | OREGON SILVERSPOT BUTTERFLY | <i>SPEYERIA ZERENE HIPPOLYTA</i> |
| RAPR | OREGON SPOTTED FROG | <i>RANA PRETIOSA</i> |
| POGRA | OREGON VESPER SPARROW | <i>POOECETES GRAMINEUS AFFINIS</i> |
| PAHA | OSPREY | <i>PANDION HALIAETUS</i> |
| SEAU | OVENBIRD | <i>SEIURUS AUROCAPILLUS</i> |
| GAMASCP | PACIFIC COD (S&C PUGET SOUND) | <i>GADUS MACROCEPHALUS</i> |
| DITE | PACIFIC GIANT SALAMANDER | <i>DICAMPTODON TENEBROSUS</i> |
| PLFU | PACIFIC GOLDEN-PLOVER | <i>PLUVIALIS FULVA</i> |
| PICACA | PACIFIC GOPHER SNAKE | <i>PITUOPHIS CATENIFER CATENIFER</i> |
| MEPRCEP | PACIFIC HAKE (C. PUGET SOUND) | <i>MERLUCCIIUS PRODUCTUS</i> |
| PHPH | PACIFIC HARBOR PORPOISE | <i>PHOCOENA PHOCOENA</i> |
| CLPACP | PACIFIC HERRING (CHERRY POINT) | <i>CLUPEA PALLASI</i> |
| CLPADB | PACIFIC HERRING (DISCOVERY BAY) | <i>CLUPEA PALLASI</i> |
| ZATR | PACIFIC JUMPING MOUSE | <i>ZAPUS TRINOTATUS</i> |

WDFW SPECIES CODES SORTED BY COMMON NAME

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|----------------------------------|------------------------------------|
| LATR | PACIFIC LAMPREY | LAMPETRA TRIDENTATA |
| GAPA | PACIFIC LOON | GAVIA PACIFICA |
| LEAR | PACIFIC STAGHORN SCULPIN | LEPTOCOTTUS ARMATUS |
| COTOT | PACIFIC TOWNSEND'S BIG-EARED BAT | CORYHORHINUS TOWNSENDII TOWNSENDII |
| HYRE | PACIFIC TREEFROG | HYLA REGILLA |
| SOBE | PACIFIC WATER SHREW | SOREX BENDIRII |
| LAOB | PACIFIC WHITE-SIDED DOLPHIN | LAGENORHYNCHUS OBLIQUIDENS |
| EMDI | PACIFIC-SLOPE FLYCATCHER | EMPIDONAX DIFFICILIS |
| ERPA | PACUVIUS' DUSKYWING | ERYNNIS PACUVIUS LILIUS |
| CHPI | PAINTED TURTLE | CHRYSEMYS PICTA |
| PHPA | PALE CRESCENT | PHYCIODES PALLIDUS BARNESI |
| ANPA | PALLID BAT | ANTROZOUS PALLIDUS |
| COTOP | PALLID TOWNSEND'S BIG-EARED BAT | CORYHORHINUS TOWNSENDII PALLESCENS |
| DEPA | PALM WARBLER | DENDROICA PALMARUM |
| CYPS | PARAKEET AUKLET | CYCLORRHYNCHUS PSITTACULA |
| STPA | PARASITIC JAEGER | STERCORARIUS PARASITICUS |
| PHPAS | PASCO PEARL CRESCENT | PHYCIODES "THAROS" PASCOENSIS |
| FAPEP | PEALE'S PEREGRINE FALCON | FALCO PEREGRINUS PEALEI |
| MYCA | PEAMOUTH | MYLOCHEILUS CAURINUS |
| CAMEL | PECTORAL SANDPIPER | CALIDRIS MELANOTOS |
| PHPEL | PELAGIC CORMORANT | PHALACROCORAX PELAGICUS |
| EUCHPE | PERDICCAS CHECKERSPOT | EUPHYDRYAS CHALCEDONA PERDICCAS |
| FAPE | PEREGRINE FALCON | FALCO PEREGRINUS |
| ERPE | PERSIUS' DUSKYWING | ERYNNIS PERSIUS |
| POPO | PIED-BILLED GREBE | PODILYMBUS PODICEPS |
| CECO | PIGEON GUILLEMOT | CEPPHUS COLUMBA |
| OCPR | PIKA | OCHOTONA PRINCEPS |
| DRPI | PILEATED WOODPECKER | DRYOCOPUS PILEATUS |
| PIEN | PINE GROSBEAK | PINICOLA ENUCLEATOR |
| CAPI | PINE SISKIN | CARDUELIS PINUS |
| ONGO | PINK SALMON | ONCORHYNCHUS GORBUSCHA |
| PUCR | PINK-FOOTED SHEARWATER | PUFFINUS CREATOPUS |
| GYCY | PINYON JAY | GYMNORHINUS CYANOCEPHALUS |
| COBE | PIUTE SCULPIN | COTTUS BELDINGI |
| STPO | POMARINE JAEGER | STERCORARIUS POMARINUS |
| PSSC | POND SLIDER | PSEUDEMYX SCRIPTA |
| ERDO | PORCUPINE | ERETHIZON DORSATUM |
| FAME | PRAIRIE FALCON | FALCO MEXICANUS |
| SOPR | PREBLE'S SHREW | SOREX PREBLEI |
| COAS | PRICKLY SCULPIN | COTTUS ASPER |
| ANAM | PRONGHORN | ANTILOCAPRA AMERICANA |
| ERPR | PROPERTIUS' DUSKYWING | ERYNNIS PROPERTIUS |
| PRCI | PROTHONOTARY WARBLER | PROTHONOTARIA CITREA |
| PLICER | PUGET BLUE | PLEBEJUS ICARIOIDES BLACKMOREI |
| SPLE | PUGET SOUND SILVERSPOT | SPEYERIA CYBELE PUGETENSIS |
| LEGI | PUMPKINSEED | LEPOMIS GIBBOSUS |
| CARPU | PURPLE FINCH | CARPODACUS PURPUREUS |
| PRSU | PURPLE MARTIN | PROGNE SUBIS |

WDFW SPECIES CODES SORTED BY COMMON NAME

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|------------------------|--------------------------------|
| LYHE | PURPLISH COPPER | LYCAENA HELLOIDES |
| SIPY | PYGMY NUTHATCH | SITTA PYGMAEA |
| SYID | PYGMY RABBIT | BRACHYLAGUS IDAHOENSIS |
| SOHO | PYGMY SHREW | SOREX HOYI |
| KOBR | PYGMY SPERM WHALE | KOGIA BREVICEPS |
| PRCO | PYGMY WHITEFISH | PROSOPIUM COULTERI |
| SEMA | QUILLBACK ROCKFISH | SEBASTES MALIGER |
| PRLO | RACCOON | PROCYON LOTOR |
| COLCO | RACER | COLUBER CONSTRUCTOR |
| ONMY | RAINBOW TROUT | ONCORHYNCHUS MYKISS |
| LABO | RED BAT | LASIURUS BOREALIS |
| LOXCU | RED CROSSBILL | LOXIA CURVIROSTRA |
| VUVU | RED FOX | VULPES VULPES |
| CACANU | RED KNOT | CALIDRIS CANUTUS |
| PHALFU | RED PHALAROPE | PHALAROPUS FULICARIA |
| TAHU | RED SQUIRREL | TAMIASCIURUS HUDSONICUS |
| PHAE | RED-BILLED TROPICBIRD | PHAETHON AETHEREUS |
| MESE | RED-BREASTED MERGANSER | MERGUS SERRATOR |
| SITCA | RED-BREASTED NUTHATCH | SITTA CANADENSIS |
| SPRU | RED-BREASTED SAPSUCKER | SPHYRAPICUS RUBER |
| VIOL | RED-EYED VIREO | VIREO OLIVACEUS |
| RAAU | RED-LEGGED FROG | RANA AURORA |
| RIBR | RED-LEGGED KITTIWAKE | RISSA BREVIROSTRIS |
| SPNU | RED-NAPED SAPSUCKER | SPHYRAPICUS NUCHALIS |
| POGR | RED-NECKED GREBE | PODICEPS GRISEGENA |
| PHLO | RED-NECKED PHALAROPE | PHALAROPUS LOBATUS |
| BULI | RED-SHOULDERED HAWK | BUTEO LINEATUS |
| TARU | RED-TAILED CHIPMUNK | TAMIAS RUFICAUDUS |
| BUJA | RED-TAILED HAWK | BUTEO JAMAICENSIS |
| GAST | RED-THROATED LOON | GAVIA STELLATA |
| AGPH | RED-WINGED BLACKBIRD | AGELAIUS PHOENICEUS |
| AYAM | REDHEAD | AYTHYA AMERICANA |
| RIBA | REDSIDE SHINER | RICHARDSONIUS BALTEATUS |
| SEPR | REDSTRIPE ROCKFISH | SEBASTES PRORIGER |
| COPE | RETICULATE SCULPIN | COTTUS PERPLEXUS |
| CEMO | RHINOCEROS AUKLET | CERORHINCA MONOCERATA |
| COGU | RIFFLE SCULPIN | COTTUS GULOSUS |
| LADE | RING-BILLED GULL | LARUS DELAWARENSIS |
| AYCO | RING-NECKED DUCK | AYTHYA COLLARIS |
| PHCO | RING-NECKED PHEASANT | PHASIANUS COLCHICUS |
| DIPU | RINGNECK SNAKE | DIADOPHIS PUNCTATUS |
| MEGAIN | RIO GRANDE WILD TURKEY | MELEAGRIS GALLOPAVO INTERMEDIA |
| GRGR | RISSO'S DOLPHIN | GRAMPUS GRISEUS |
| LAAY | RIVER LAMPREY | LAMPETRA AYRESI |
| LUCA | RIVER OTTER | LUTRA CANADENSIS |
| AMVI | ROADSIDE SKIPPER | AMBLYSCIRTES VIALIS |
| AMRU | ROCK BASS | AMBLOPLITES RUPESTRIS |
| COLI | ROCK DOVE | COLUMBA LIVIA |

WDFW SPECIES CODES SORTED BY COMMON NAME

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|------------------------------|--------------------------------|
| CAPT | ROCK SANDPIPER | CALIDRIS PTILOCNEMIS |
| SAOB | ROCK WREN | SALPINCTES OBSOLETUS |
| OVCACAN | ROCKY MOUNTAIN BIGHORN SHEEP | OVIS CANADENSIS CANADENSIS |
| CEELN | ROCKY MOUNTAIN ELK | CERVUS ELAPHUS NELSONI |
| ASMO | ROCKY MOUNTAIN TAILED FROG | ASCAPHUS MONTANUS |
| CEELR | ROOSEVELT ELK | CERVUS ELAPHUS ROOSEVELTI |
| PHLU | ROSE-BREASTED GROSBEAK | PHEUCTICUS LUDOVICIANUS |
| CHRO | ROSS' GOOSE | CHEN ROSSII |
| BULA | ROUGH-LEGGED HAWK | BUTEO LAGOPUS |
| TAGR | ROUGHSKIN NEWT | TARICHA GRANULOSA |
| CHBO | RUBBER BOA | CHARINA BOTTAE |
| RECA | RUBY-CROWNED KINGLET | REGULUS CALENDULA |
| LYRUPE | RUDDY COPPER | LYCAENA RUBIDA PERKINSORUM |
| OXJA | RUDDY DUCK | OXYURA JAMAICENSIS |
| AREIN | RUDDY TURNSTONE | ARENARIA INTERPRES |
| PHPU | RUFF | PHILOMACHUS PUGNAX |
| BOUM | RUFFED GROUSE | BONASA UMBELLUS |
| SERUF | RUFIOUS HUMMINGBIRD | SELASPHORUS RUFUS |
| PIER | RUFIOUS-SIDED TOWHEE | PIPILO ERYTHROPHthalmus |
| EUCA | RUSTY BLACKBIRD | EUPHAGUS CAROLINUS |
| XESA | SABINE'S GULL | XEMA SABINI |
| DEDE | SADDLE-BACKED DOLPHIN | DELPHINUS DELPHIS |
| AMBE | SAGE SPARROW | AMPHISPIZA BELLI |
| ORMO | SAGE THRASHER | OREOSCOPTES MONTANUS |
| CEUR | SAGE-GROUSE | CENTROCERCUS UROPHASIANUS |
| SCGRA | SAGEBRUSH LIZARD | SCELOPORUS GRACIOSUS |
| LACU | SAGEBRUSH VOLE | LAGURUS CURTATUS |
| CASP | SALISH SUCKER | CATOSTOMUS SP. |
| PETR | SAND ROLLER | PERCOPSIS TRANSMONTANA |
| CALAL | SANDERLING | CALIDRIS ALBA |
| GRCA | SANDHILL CRANE | GRUS CANADENSIS |
| PASA | SAVANNAH SPARROW | PASSERCULUS SANDWICHENSIS |
| SAYSA | SAY'S PHOEBE | SAYORNIS SAYA |
| ICPA | SCOTT'S ORIOLE | ICTERUS PARISORUM |
| ENLU | SEA OTTER | ENHYDRA LUTRIS |
| ENLULU | SEA OTTER | ENHYDRA LUTRIS LUTRIS |
| BABO | SEI WHALE | BALAENOPTERA BOREALIS |
| CHSE | SEMIPALMATED PLOVER | CHARADRIUS SEMIPALMATUS |
| CALPU | SEMIPALMATED SANDPIPER | CALIDRIS PUSILLA |
| ZZZZZZ | SENSITIVE INFORMATION | SENSITIVE INFORMATION |
| ACST | SHARP-SHINNED HAWK | ACCIPITER STRIATUS |
| TYPH | SHARP-TAILED GROUSE | TYMPANUCHUS PHASIANELLUS |
| CAAC | SHARP-TAILED SANDPIPER | CALIDRIS ACUMINATA |
| CONTE | SHARPTAIL SNAKE | CONTIA TENUIS |
| MITOPU | SHAW ISLAND TOWNSEND'S VOLE | MICROTUS TOWNSENDII PUGETI |
| INERSH | SHELTON PINE ELFIN | INCISALIA ERYPHON SHELTONENSIS |
| THMAC | SHELTON POCKET GOPHER | THOMOMYS MAZAMA COUCHI |
| PACL | SHEPARD'S PARNASSIAN | PARNASSIUS CLODIUS SHEPARDI |

WDFW SPECIES CODES SORTED BY COMMON NAME

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|--|-----------------------------------|
| CYAG | SHINER PERCH | CYMATOGASTER AGGREGATA |
| LIGR | SHORT-BILLED DOWITCHER | LIMNODROMUS GRISEUS |
| ASFL | SHORT-EARED OWL | ASIO FLAMMEUS |
| GLMA | SHORT-FINNED PILOT WHALE | GLOBICEPHALA MACRORHYNCHUS |
| PHDO | SHORT-HORNED LIZARD | PHRYNOSOMA DOUGLASSI |
| PHAL | SHORT-TAILED ALBATROSS | PHOEBASTRIA ALBATRUS |
| PUTE | SHORT-TAILED SHEARWATER | PUFFINUS TENUIROSTRIS |
| COCON | SHORthead SCULPIN | COTTUS CONFUSUS |
| NEGI | SHREW-MOLE | NEUROTRICHUS GIBBSII |
| THCA | SHY ALBATROSS | THALASSARCHE CAUTA |
| UTST | SIDE-BLOTCHED LIZARD | UTA STANSBURIANA |
| BOSE | SILVER-BORDERED FRITILLARY | BOLORIA SELENE ATROCOSTALIS |
| LANO | SILVER-HAIRED BAT | LASIONYCTERIS NOCTIVAGANS |
| EPCLCA | SILVER-SPOTTED SKIPPER | EPARGYREUS CLARUS CALIFORNICUS |
| SICARA | SLENDER-BILLED WHITE-BREASTED NUTHATCH | SITTA CAROLINENSIS ACULEATA |
| COCOG | SLIMY SCULPIN | COTTUS COGNATUS |
| MYOCI | SMALL-FOOTED MYOTIS | MYOTIS CILIOLABRUM |
| MIDO | SMALLMOUTH BASS | MICROPTERUS DOLOMIEUI |
| CHSER | SNAPPING TURTLE | CHELYDRA SERPENTINA |
| PLNI | SNOW BUNTING | PLECTROPHENAX NIVALIS |
| CHCAE | SNOW GOOSE | CHEN CAERULESCENS |
| EUCHWA | SNOWBERRY CHECKERSPOT | EUPHYDRYAS CHALCEDONA WALLACENSIS |
| LEAM | SNOWSHOE HARE | LEPUS AMERICANUS |
| EGTH | SNOWY EGRET | EGRETTA THULA |
| NYSC | SNOWY OWL | NYCTEA SCANDIACA |
| CHAL | SNOWY PLOVER | CHARADRIUS ALEXANDRINUS |
| ONNE | SOCKEYE SALMON | ONCORHYNCHUS NERKA |
| ONNEANA | SOCKEYE SALMON (ANADROMOUS) | ONCORHYNCHUS NERKA |
| ONNEOZL | SOCKEYE SALMON (OZETTE LAKE) | ONCORHYNCHUS NERKA |
| ONNESNA | SOCKEYE SALMON (SNAKE R.) | ONCORHYNCHUS NERKA |
| TRSO | SOLITARY SANDPIPER | TRINGA SOLITARIA |
| VISO | SOLITARY VIREO | VIREO SOLITARIUS |
| MELME | SONG SPARROW | MELOSPIZA MELODIA |
| POSO | SONORA SKIPPER | POLITES SONORA SONORA |
| POSOS | SONORA SKIPPER | POLITES SONORA SIRIS |
| PUGR | SOOTY SHEARWATER | PUFFINUS GRISEUS |
| PORCA | SORA | PORZANA CAROLINA |
| CASK | SOUTH POLAR SKUA | CATHARACTA MACCORMICKI |
| ELMU | SOUTHERN ALLIGATOR LIZARD | ELGARIA MULTICARINATA |
| CLGA | SOUTHERN RED-BACKED VOLE | CLETHRIONOMYS GAPPERI |
| RHOS | SPECKLED DACE | RHINICHTHYS OSCULUS |
| PHMA | SPERM WHALE | PHYSETER MACROCEPHALUS |
| EUMA | SPOTTED BAT | EUDERMA MACULATUM |
| STOC | SPOTTED OWL | STRIX OCCIDENTALIS |
| ACMA | SPOTTED SANDPIPER | ACTITIS MACULARIA |
| SPGR | SPOTTED SKUNK | SPILOGALE GRACILIS |
| DECA | SPRUCE GROUSE | DENDRAGAPUS CANADENSIS |
| PLST | STARRY FLOUNDER | PLATICHTHYS STELLATUS |

WDFW SPECIES CODES SORTED BY COMMON NAME

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|-------------------------------|-------------------------------|
| ONMYLC | STEELHEAD (LOWER COLUMBIA) | ONCORHYNCHUS MYKISS |
| ONMYMC | STEELHEAD (MIDDLE COLUMBIA) | ONCORHYNCHUS MYKISS |
| ONMYSR | STEELHEAD (SNAKE RIVER) | ONCORHYNCHUS MYKISS |
| ONMYUC | STEELHEAD (UPPER COLUMBIA) | ONCORHYNCHUS MYKISS |
| EUJU | STELLER SEA LION | EUMETOPIAS JUBATUS |
| CYST | STELLER'S JAY | CYANOCITTA STELLERI |
| CAHI | STILT SANDPIPER | CALIDRIS HIMANTOPUS |
| ERALS | STREAKED HORNED LARK | EREMOPHILA ALPESTRIS STRIGATA |
| MOSA | STRIPED BASS | MORONE SAXATILIS |
| STCO | STRIPED DOLPHIN | STENELLA COERULEOALBA |
| MEMEP | STRIPED SKUNK | MEPHITIS MEPHITIS |
| MATA | STRIPED WHIPSNAKE | MASTICOPHIS TAENIATUS |
| MEPE | SURF SCOTER | MELANITTA PERSPICILLATA |
| APVI | SURFBIRD | APHRIZA VIRGATA |
| BUSW | SWAINSON'S HAWK | BUTEO SWAINSONI |
| CAUS | SWAINSON'S THRUSH | CATHARUS USTULATUS |
| MEGE | SWAMP SPARROW | MELOSPIZA GEORGIANA |
| SASY | SYLVAN HAIRSTREAK | SATYRIUM SYLVINUM SYLVINUM |
| SASYL | SYLVAN HAIRSTREAK | SATYRIUM SYLVINUM PUTNAMI |
| THMATA | TACOMA POCKET GOPHER | THOMOMYS MAZAMA TACOMENSIS |
| NOGY | TADPOLE MADTOM | NOTURUS GYRINUS |
| ASTR | TAILED FROG | ASCAPHUS TRUEI |
| BRCAT | TAVERNER'S CANADA GOOSE | BRANTA CANADENSIS TAVERNERI |
| POTH | TAWNY-EDGED SKIPPER | POLITES THEMISTOCLES |
| EUEDYA | TAYLOR'S (WHULGE) CHECKERSPOT | EUPHYDRYAS EDITHA TAYLORI |
| TITI | TENCH | TINCA TINCA |
| VEPE | TENNESSEE WARBLER | VERMIVORA PEREGRINA |
| LATH | THAYER'S GULL | LARUS THAYERI |
| URLO | THICK-BILLED MURRE | URIA LOMVIA |
| MISP | THICKET HAIRSTREAK | MITOURA SPINETORUM SPINETORUM |
| GAAC | THREE-SPINE STICKLEBACK | GASTEROSTEUS ACULEATUS |
| PITR | THREE-TOED WOODPECKER | PICOIDES TRIDACTYLUS |
| SENI | TIGER ROCKFISH | SEBASTES NIGROCINCTUS |
| AMTI | TIGER SALAMANDER | AMBYSTOMA TIGRINUM |
| CORH | TORRENT SCULPIN | COTTUS RHOZEUS |
| COTO | TOWNSEND'S BIG-EARED BAT | CORYHORHINUS TOWNSENDII |
| TATO | TOWNSEND'S CHIPMUNK | TAMIAS TOWNSENDII |
| SPTO | TOWNSEND'S GROUND SQUIRREL | SPERMOPHILUS TOWNSENDII |
| SCTO | TOWNSEND'S MOLE | SCAPANUS TOWNSENDII |
| MYTO | TOWNSEND'S SOLITAIRE | MYADESTES TOWNSENDI |
| MITO | TOWNSEND'S VOLE | MICROTUS TOWNSENDII |
| DETO | TOWNSEND'S WARBLER | DENDROICA TOWNSENDI |
| TABI | TREE SWALLOW | TACHYICINETA BICOLOR |
| TYME | TROPICAL KINGBIRD | TYRANNUS MELANCHOLICUS |
| SOTRO | TROWBRIDGE'S SHREW | SOREX TROWBRIDGEI |
| CYBU | TRUMPETER SWAN | CYGNUS BUCCINATOR |
| AYFU | TUFTED DUCK | AYTHYA FULIGULA |
| FRCI | TUFTED PUFFIN | FRATERCULA CIRRHATA |

WDFW SPECIES CODES SORTED BY COMMON NAME

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|-----------------------------------|----------------------------|
| GIBI | TUI CHUB | GILA BICOLOR |
| CYCO | TUNDRA SWAN | CYGNUS COLUMBIANUS |
| CAAUR | TURKEY VULTURE | CATHARTES AURA |
| RHUM | UMATILLA DACE | RHINICHTHYS UMATILLA |
| BALO | UPLAND SANDPIPER | BARTRAMIA LONGICAUDA |
| SOVA | VAGRANT SHREW | SOREX VAGRANS |
| OECHV | VALERATA ARCTIC | OENEIS CHRYSUS VALERATA |
| SPZEBR | VALLEY SILVERSPOT | SPEYERIA ZERENE BREMNERII |
| PLVA | VAN DYKE'S SALAMANDER | PLETHODON VANDYKEI |
| BRCAF | VANCOUVER CANADA GOOSE | BRANTA CANADENSIS FULVA |
| IXNA | VARIED THRUSH | IXOREUS NAEVIUS |
| CHVA | VAUX'S SWIFT | CHAETURA VAUXI |
| CAFU | VEERY | CATHARUS FUSCESCENS |
| POOGR | VESPER SPARROW | POOECETES GRAMINEUS |
| TATH | VIOLET-GREEN SWALLOW | TACHYICINETA THALASSINA |
| DIVI | VIRGINIA OPOSSUM | DIDELPHIS VIRGINIANA |
| RALI | VIRGINIA RAIL | RALLUS LIMICOLA |
| STVI | WALLEYE | STIZOSTEDION VITREUM |
| THCHSOP | WALLEYE POLLOCK (SO. PUGET SOUND) | THERAGRA CHALCOGRAMMA |
| HEIN | WANDERING TATTLER | HETEROSCELUS INCANUS |
| VIGI | WARBLING VIREO | VIREO GILVUS |
| LEGU | WARMOUTH | LEPOMIS GULOSUS |
| SPWA | WASHINGTON GROUND SQUIRREL | SPERMOPHILUS WASHINGTONI |
| SOPAL | WATER SHREW | SOREX PALUSTRIS |
| MIRI | WATER VOLE | MICROTUS RICHARDSONI |
| SIME | WESTERN BLUEBIRD | SIALIA MEXICANA |
| LARI | WESTERN BROOK LAMPREY | LAMPETRA RICHARDSONI |
| BRCAMO | WESTERN CANADA GOOSE | BRANTA CANADENSIS MOFFITTI |
| SCOC | WESTERN FENCE LIZARD | SCELOPORUS OCCIDENTALIS |
| ANKE | WESTERN FLOATER | ANODONTA KENNERLYI |
| SCGRI | WESTERN GRAY SQUIRREL | SCIURUS GRISEUS |
| AEOC | WESTERN GREBE | AECHMOPHORUS OCCIDENTALIS |
| LAOC | WESTERN GULL | LARUS OCCIDENTALIS |
| REME | WESTERN HARVEST MOUSE | REITHRODONTOMYS MEGALOTIS |
| ZAPR | WESTERN JUMPING MOUSE | ZAPUS PRINCEPS |
| TYVE | WESTERN KINGBIRD | TYRANNUS VERTICALIS |
| STUNE | WESTERN MEADOWLARK | STURNELLA NEGLECTA |
| MAFA | WESTERN PEARLSHELL | MARGARITIFERA FALCATA |
| PIHE | WESTERN PIPISTRELLE | PIPISTRELLUS HESPERUS |
| CLMA | WESTERN POND TURTLE | CLEMMYS MARMORATA |
| CRVI | WESTERN RATTLESNAKE | CROTALUS VIRIDIS |
| CLCA | WESTERN RED-BACKED VOLE | CLETHRIONOMYS CALIFORNICUS |
| PLVE | WESTERN REDBACK SALAMANDER | PLETHODON VEHICULUM |
| GOAN | WESTERN RIDGED MUSSEL | GONIDEA ANGULATA |
| CAMAU | WESTERN SANDPIPER | CALIDRIS MAURI |
| OTKE | WESTERN SCREECH-OWL | OTUS KENNICOTTII |
| APCO | WESTERN SCRUB-JAY | APHELOCOMA COERULESCENS |
| EUSK | WESTERN SKINK | EUMECES SKILTONIANUS |

WDFW SPECIES CODES SORTED BY COMMON NAME

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|----------------------------------|----------------------------------|
| COOCOC | WESTERN SULPHUR | COLIAS OCCIDENTALIS OCCIDENTALIS |
| PILU | WESTERN Tanager | PIRANGA LUDOVICIANA |
| THEL | WESTERN TERRESTRIAL GARTER SNAKE | THAMNOPHIS ELEGANS |
| BUBO | WESTERN TOAD | BUFO BOREAS |
| COSO | WESTERN WOOD-PEWEE | CONTOPUS SORDIDULUS |
| ONCLLE | WESTSLOPE CUTTHROAT | ONCORHYNCHUS CLARKI LEWISI |
| NUPH | WHIMBREL | NUMENIUS PHAEOPUS |
| POAN | WHITE CRAPPIE | POMOXIS ANNULARIS |
| THTAL | WHITE SALMON POCKET GOPHER | THOMOMYS TALPOIDES LIMOSUS |
| ACTR | WHITE STURGEON | ACIPENSER TRANSMONTANUS |
| SICAR | WHITE-BREASTED NUTHATCH | SITTA CAROLINENSIS |
| ZOLE | WHITE-CROWNED SPARROW | ZONOTRICHIA LEUCOPHRYS |
| PLCH | WHITE-FACED IBIS | PLEGADIS CHIHUI |
| PIAL | WHITE-HEADED WOODPECKER | PICOIDES ALBOLARVATUS |
| CAFUS | WHITE-RUMPED SANDPIPER | CALIDRIS FUSCICOLLIS |
| ODVI | WHITE-TAILED DEER | ODOCOILEUS VIRGINIANUS |
| LETO | WHITE-TAILED JACK RABBIT | LEPUS TOWNSENDII |
| ELLE | WHITE-TAILED KITE | ELANUS LEUCURUS |
| LALE | WHITE-TAILED PTARMIGAN | LAGOPUS LEUCURUS |
| ZOAL | WHITE-THROATED SPARROW | ZONOTRICHIA ALBICOLLIS |
| AESA | WHITE-THROATED SWIFT | AERONAUTES SAXATALIS |
| LOLE | WHITE-WINGED CROSSBILL | LOXIA LEUCOPTERA |
| ZEAS | WHITE-WINGED DOVE | ZENAIDA ASIATICA |
| MEFU | WHITE-WINGED SCOTER | MELANITTA FUSCA |
| SEEN | WIDOW ROCKFISH | SEBASTES ENTOMELAS |
| MEGA | WILD TURKEY | MELEAGRIS GALLOPAVO |
| ANWA | WILLAMETE FLOATER | ANODONTA WAHLAMETENSIS |
| CASE | WILLET | CATOPTROPHORUS SEMIPALMATUS |
| SPHTH | WILLIAMSON'S SAPSUCKER | SPHYRAPICUS THYROIDEUS |
| EMTR | WILLOW FLYCATCHER | EMPIDONAX TRAILLII |
| PHTR | WILSON'S PHALAROPE | PHALAROPUS TRICOLOR |
| WIPU | WILSON'S WARBLER | WILSONIA PUSILLA |
| TRTR | WINTER WREN | TROGLODYTES TROGLODYTES |
| GUGU | WOLVERINE | GULO GULO |
| AISP | WOOD DUCK | AIX SPONSA |
| RASY | WOOD FROG | RANA SYLVATICA |
| BUWO | WOODHOUSE'S TOAD | BUFO WOODHOUSII |
| RATA | WOODLAND CARIBOU | RANGIFER TARANDUS |
| SYHY | XANTUS' MURRELET | SYNTHLIBORAMPHUS HYPOLEUCUS |
| ICNA | YELLOW BULLHEAD | ICTALURUS NATALIS |
| PEFL | YELLOW PERCH | PERCA FLAVESCENS |
| CONO | YELLOW RAIL | COTURNICOPS NOVEBORACENSIS |
| DEPE | YELLOW WARBLER | DENDROICA PETECHIA |
| MAFL | YELLOW-BELLIED MARMOT | MARMOTA FLAVIVENTRIS |
| COAM | YELLOW-BILLED CUCKOO | COCCYZUS AMERICANUS |
| GAAD | YELLOW-BILLED LOON | GAVIA ADAMSII |
| ICVI | YELLOW-BREASTED CHAT | ICTERIA VIRENS |
| XAXA | YELLOW-HEADED BLACKBIRD | XANTHOCEPHALUS XANTHOCEPHALUS |

WDFW SPECIES CODES SORTED BY COMMON NAME

| <u>CODE</u> | <u>COMMON NAME</u> | <u>SCIENTIFIC NAME</u> |
|-------------|-----------------------|---------------------------|
| TAAM | YELLOW-PINE CHIPMUNK | TAMIAS AMOENUS |
| DECOR | YELLOW-RUMPED WARBLER | DENDROICA CORONATA |
| SERUB | YELLOW EYE ROCKFISH | SEBASTES RUBERRIMUS |
| POCO | YELLOWPATCH SKIPPER | POLITES CORAS |
| SEFL | YELLOWTAIL ROCKFISH | SEBASTES FLAVIDUS |
| THMAY | YELM POCKET GOPHER | THOMOMYS MAZAMA YELMENSIS |
| MYU | YUMA MYOTIS | MYOTIS YUMANENSIS |
| OCYU | YUMA SKIPPER | OCHLODES YUMA |
| SPZE | ZERENE FRITILLARY | SPEYERIA ZERENE |

Appendix C. Special Species Codes

The following codes are used to identify species groups as an alternative to completing multiple forms for multiple species. These codes can be used when there is no management need to distinguish species use of an area. If the area is used by a specific single species, codes from Appendix A. and B. are used. If the area is a habitat codes from Appendix D. are used.

| | |
|-------|--|
| BIGA | = Big game (excluding species and limiting habitats defined as priority for other mapping phases, e.g., elk winter range). |
| CANED | = Cavity-nesting ducks. |
| GREBE | = Grebe species. |
| GULL | = Gull species. |
| PENI | = Pennipeds. |
| SEBI | = Seabird concentrations (excluding gulls). |
| SHBI | = Shorebird concentrations. |
| SWAN | = Swan species. |
| WAFO | = Waterfowl concentrations. |

Appendix D. Habitat Codes

See also, Appendix A.-B. for Species Codes and C. for Special Species Codes.

| | |
|--------|--|
| ALPINE | = Alpine areas. |
| ASPEN | = Aspen stands. |
| BAY | = Bay/estuary. |
| CAVE | = Cave or cave-rich areas. |
| CLIFF | = Cliffs/bluffs. |
| DUNE | = Sand dunes. |
| EEL | = Eelgrass meadows. |
| ESTUR | = Estuarine zone. |
| GRASS | = Grasslands. |
| ISLAND | = Islands. |
| JUNIP | = Juniper savannah. |
| KELP | = Kelp beds. |
| LAGOON | = Lagoon. |
| MEADOW | = Meadows. |
| OAK | = Oak woodland. |
| OG | = Old-growth/mature forest. |
| POOL | = Tide pools. |
| RIPAR | = Riparian zones. |
| RNOS | = Rural natural open space. |
| ROCKY | = Rocky shores. |
| SHRUB | = Shrub-steppe. |
| SLOUGH | = Slough. |
| SNAG | = Snag-rich areas. |
| STEPPE | = Prairies and steppe. |
| TALUS | = Talus slopes. |
| UNOS | = Urban natural open space. |
| WET | = Wetlands. Discriminate costal marsh by using land-use code 68, estuarine marsh, in the land-use field. Note, use the land-use section of the PHS Polygon database form to indicate dominant vegetation/land-use. |
| ZZZZZZ | = Sensitive information. |

Appendix E. Species Use Codes

ART = Artificial nest structure.

B = Breeding occurrence.

BOX = Nest box.

CF = Peregrine falcon cross foster site.

CR = Communal roost.

DEN = Den site.

E = Eyrie.

H = Peregrine falcon hack site.

HO = Haulout.

IO = Individual occurrence.

IR = Individual roost.

LEK = Lek.

M = Migration.

PA = Parturition.

RC = Regular concentration.

RI = Regularly occurring individual.

RLC = Regular large concentration.

RMC = Regular medium concentration.

RNG = Range.

RSC = Regular small concentration.

ZZZ = Sensitive information.

Appendix F. Special Criteria Codes

AS = Artificial structure.

D = Damage control area. Applies to an identified winter range where Washington Department of Fish and Wildlife (WDFW) manages against the species. Could be applied to areas which were historical ranges but where management practices such as fencing now exclude wildlife but may also be areas for potential WDFW acquisition.

EW = Elk wallow.

F = Artificial feeding site.

HC = Very high concentration. This applies to game species for which an identified concentration area is known and mapped and is significant, but there are areas where animals are extremely concentrated and identifiable. Mapped as a polygon within the winter range polygon.

T = Raptor territory; defended area around an active nest.

Appendix G. Information Source Codes

GENERAL SOURCES

LIT = Literature.
LOCAL = Local knowledge of individuals not involved professionally in fish and wildlife management.
PROF = Knowledge of one or more professionals working in fish and wildlife science.
SIGN = Vocalization, track, or other sign.

MAPS

CZA = Coastal Zone Atlas of Washington, Washington Dept. of Ecology.
GSMAP = US Geologic Survey Maps (various scales).
DNRMAP = Washington Department of Natural Resources Public Lands Maps (1:100,000).
BLMMAP = US Bureau of Land Management Ownership Map (1:100,000 Scale).
FSMAP = US Forest Service maps.

REMOTE SENSING

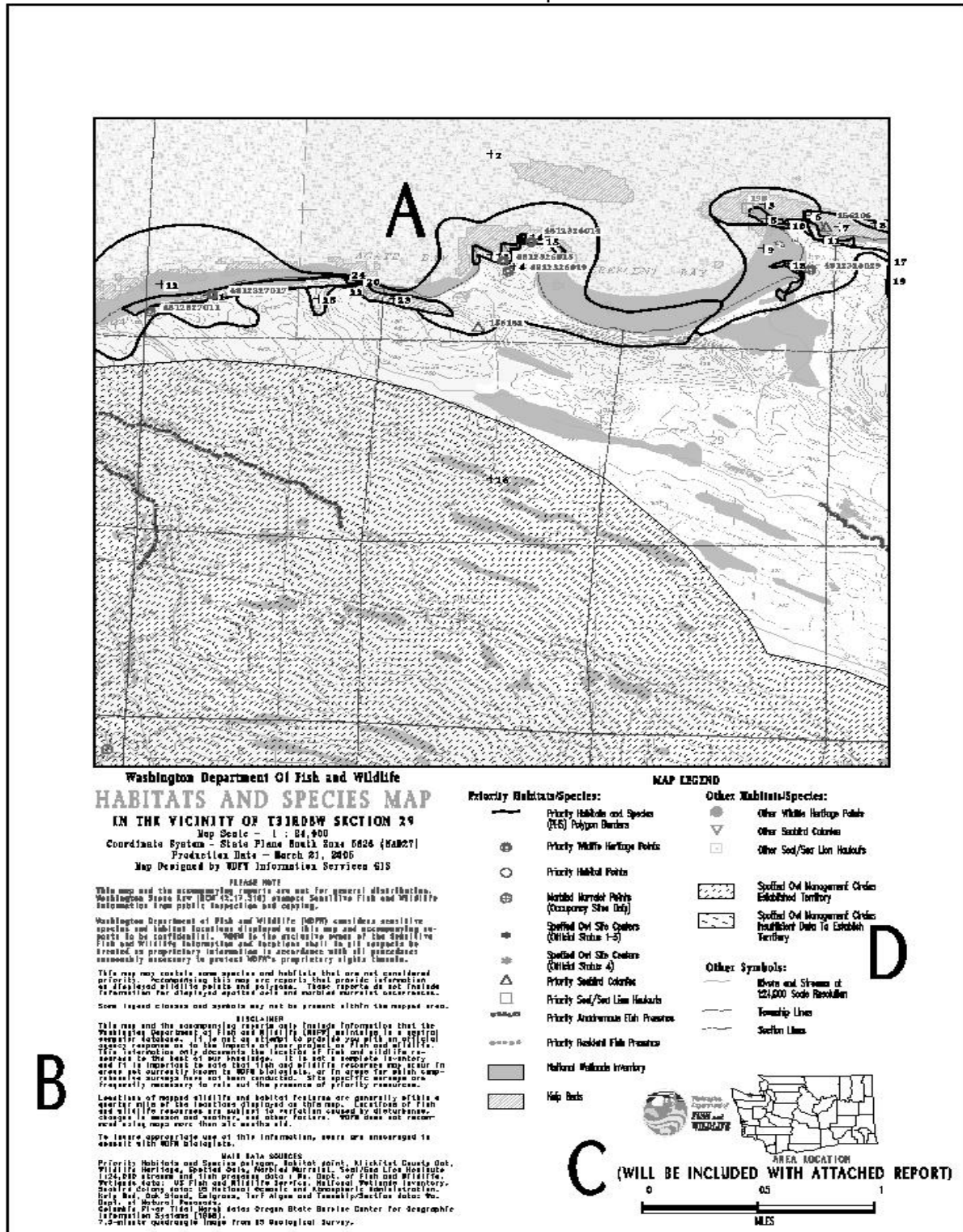
MSS = LANDSAT satellite MSS sensor.
ORTHO = Washington Department of Natural Resources, US Forest Service, or other orthophoto.
PHOTO = Photo interpreted from quality field photography.
SAT = Satellite information other than SPOT or LANDSAT.
SPOT = SPOT satellite.
TM = LANDSAT satellite TM sensor.

SURVEYS

BROOD = Brood survey.
CALL = Survey call count/gobble route.
DRIVE = Drive by survey.
HERD = Herd composition count.
HUNT = Hunter survey, field checks, report cards, etc.
NEST = Nest site survey.
TELEM = Telemetry study/survey.
TRAN = Non-winter transect survey.
TREND = Regularly conducted survey to monitor trends.
WTRAN = Winter transect survey.

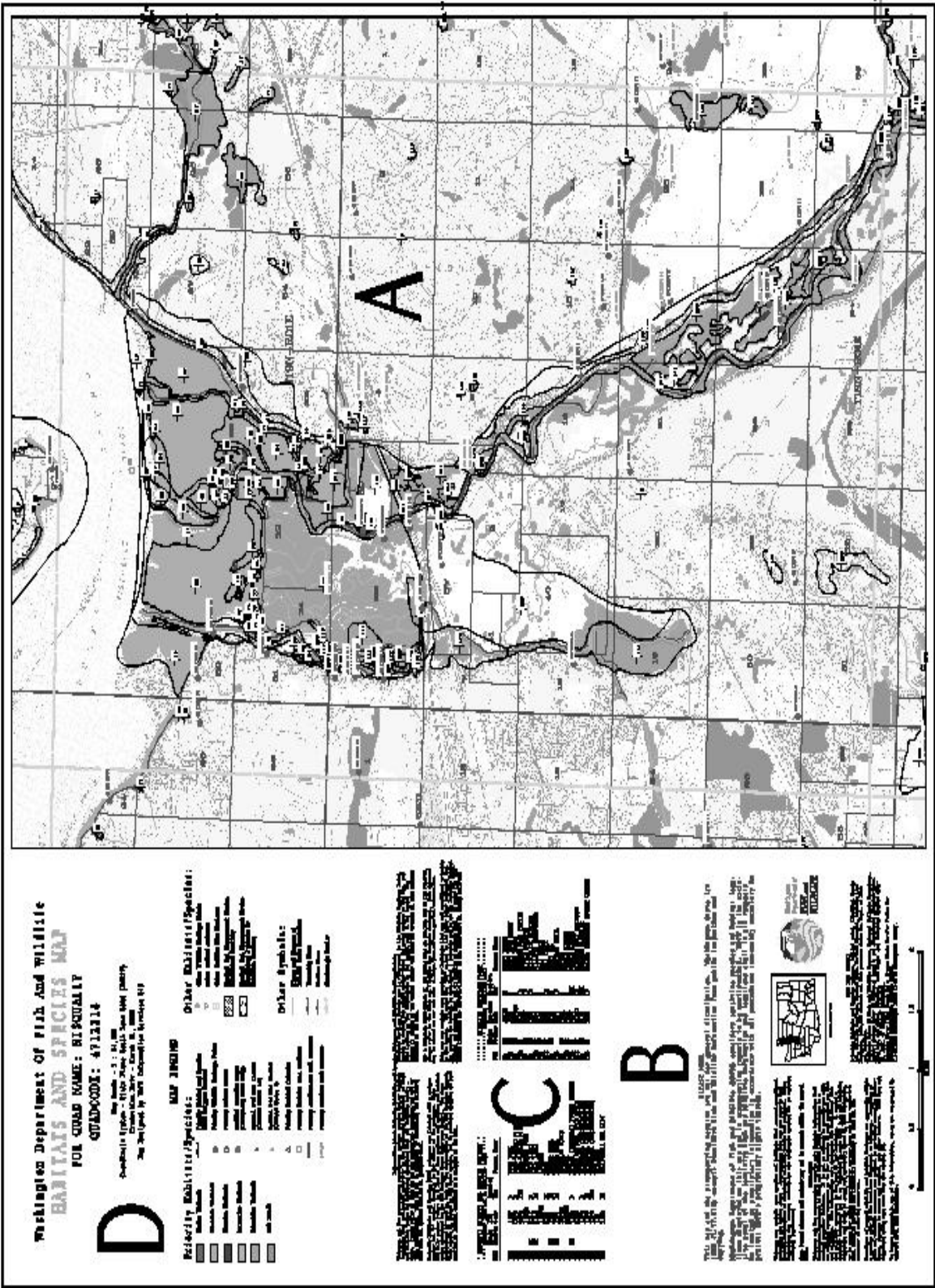
Below are examples of our standard 1:24,000 scale maps available by section, 7.5minute topological format or township. Washington Department of Fish and Wildlife will provide the map format that best suits your project site.

Section Map



Appendix H. (continued)

US Geological Survey 7.5-minute topological map



Township Map



Appendix I. WDFW Region Contacts

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE REGIONAL HABITAT PROGRAM MANAGER CONTACTS

For Assistance with Priority Habitats and Species Information contact a regional habitat program manger and they will direct your questions to the appropriate biologist.

County project is in...

Contact...

Asotin, Columbia, Ferry, Garfield, Lincoln,
Pend Oreille, Spokane, Stevens, Walla Walla,
Whitman

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